TOMO III.
DE LA
ARCHITECTVRA
CIVIL,

En que ſe contienen las Ichnographias, Orthographias, Figuras, y Delineaciones, que en los Tomos precedentes ſe explican.

Poneſe al principio un Tratado, en que ſuccintamente, por ſu orden ſe van declarando las Laminas: Tratado, que viene a ſer como Compendio de la Architectura Artificial y Natural.

Siguenſe las Laminas; que ſegun la materia, que con ſus lineas repreſentan, en quatro partes ſe dividen.

Dibuxaſe EN LA PRIMERA el Templo de Ieruſalen; ſu Mar de bronce; ſus Altares: y los Vaſos mas principales, con que ſe ſervia y enriquezia.
Añadenſe otras Delineaciones, para que ſe entienda mejor la Mageſtad y Grandeza del Templo.
Ponenſe EN LA SEGVNDA las Figuras de la Calographia, Arithmetica, Geometria &c. y con eſpecial cuydado las que conciernen a la ARCHITECTVRA NATVRAL.
Delineanſe EN LA TERCERA con ſus verdaderas medidas, no ſolo los Antiguos Ordenes de las Colunas, con que promovieron y adornaron LA ARCHITECTVRA RECTA los mas Celebres Ingenieros de Grecia; ſino tambien otros muchos Nuevos, que los ignoró la Antiguedad.
Y dibuxanſe finalmente EN LA QVARTA las Proſthaphereſes y Parallaxes, con que LA ARCHITECTVRA OBLIQVA de la Recta y Comun ſe origina y procede.

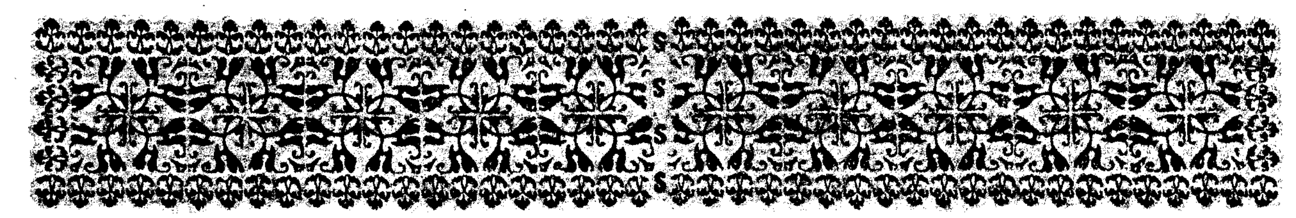
POR DON IVAN CARAMVEL

Monje Ciſtercienſe, Dotor y Profeſſor de Santa Teologia en la Vniverſidad de Lovayna; y ahora Arçobiſpo-Obiſpo de Vegeven, Conde de Zem, &c. del Conſejo de Su Mageſtad. &c.



CON LICENCIA DE LOS SVPERIORES.

En Vegeven. En la Emprenta Obiſpal por Camillo Corrado
Año de M DC LXXVIII



A SV ALTEZA REAL
EL SERENISSIMO PRINCIPE
DON IVAN
DE AVSTRIA.
&c.

Sereniſsimo Señor.

CON *poco trabajo, y en breve tiempo dibuxo yo, y coloro mis Retratos*, un dia le decia a Zeuxis el Vanaglorioſo Agatharcho: y Zeuxis, como refiere Plinio, ſonriyendoſe le reſpondio, *Yo con mucho, y en muy largo los mios*. Dandonos a entender, que *Sat citò fit, quod ſat bene*. Porque, quando ſe mira una Pintura, no ſe pregunta, quanto tiempo ſe empleo y ſe gaſto en hazerſe; ſino, ſi eſta' con toda perfeccion acabada.

He contado eſta Hiſtoria, para que ſepa V. Alteza Real, que en la delineacion deſtas Laminas no he querido imitar a Agatharcho, ſino a Zeuxis: porque con gran trabajo y en largo tiempo las he promovido al eſtado en que eſtan. Empeçelas a delinear ſiendo niño, porque en mi tierna edad de mejor gana pintaba, que eſcribia. En hazerlas eſculpir y gravar he gaſtado mas de quarenta años; porque deſde el de M.DC.XXXV. he ido empleando excelentes Artifices, paraque el favor, que eſperaban por bien penſadas y demoſtradas conſeguir, no le deſmerecieſſen por ſer gra-

vadas

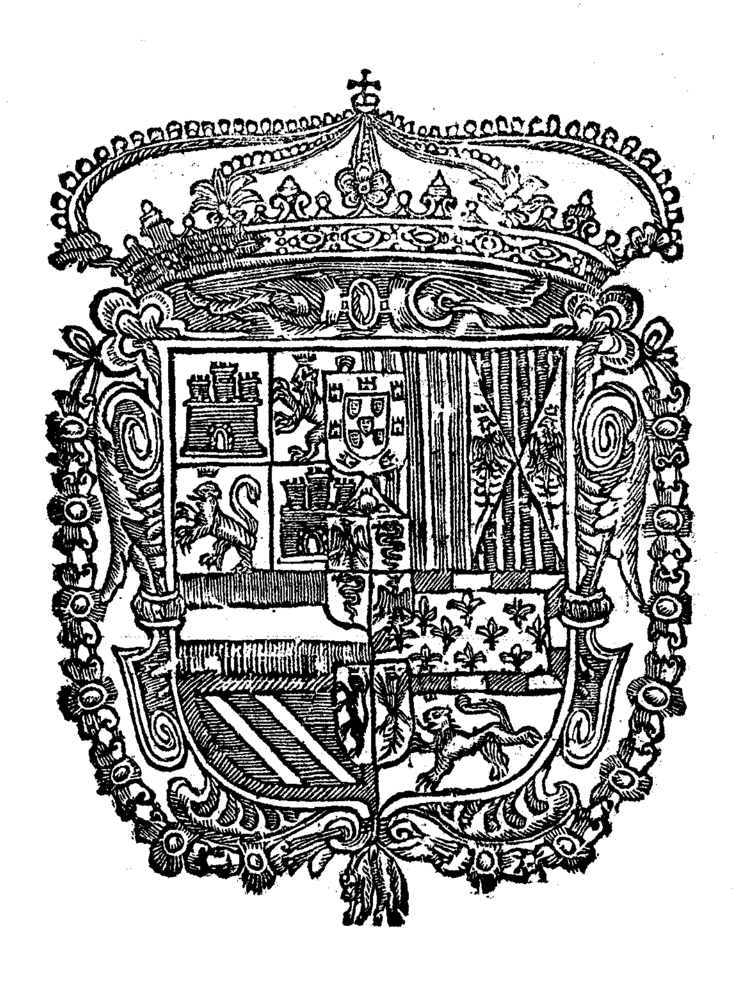
vadas y efculpidas con tofco y mal gobernado buril.

Y fera bien empleado tanto tiempo, diligencia, y trabaxo, fi llegare a confeguir fu Autor, que V. Real Alteza le reciba debaxo de fu proteccion, y fe dexe fervir; que los que nacen Nobles, con obligaciones a fus Principes, no cumpliran con ellas, fi no tuvieren por premio y gloria, el poderfe emplear todos en fu fervicio.

Efte Apophthegma nos le propone en fu Florilegio. verb. *Pictor*. el Erudito Iofeph Langio.

Fue Agatharcho Pintor famofo en aquel figlo. Tan trabajador y diligente, que fundaba fu gloria en acabar fus lienços prefto. Y, fi no es que quieras poner dos Agatharchos, efcribio Hiftorias, porque defpues de haverle nombrado, dice Diodoro Siculo, *Exftant hodieque non nulla ex ejus Scriptis exempla*.

Zeuxis, natural de Heraclea, con fu pincel dio gran honra a fu Patria. No fue igualmente venturofo con todos; porque defpues de haver vencido a otros en diverfos Certamenes, falio de el que tuvo con Parrhafio, vencido. Hizo Pinturas, que fueron celebradas en Afia: y entre otras una Helena tan hermofa, que fe llevo a Roma por milagro del Arte, y en tiempo de Trajano (Efpañol, y Emperador Romano) fe confervaba en Roma en la Galeria de Philippo, como *libr. 35. cap.* 10. nos lo refiere Plinio.



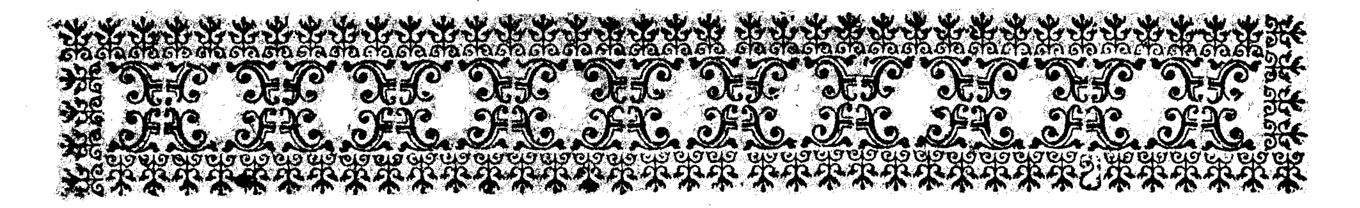


TABLA GENERAL

En que se señalan y citan los Lugares, en que cada Lamina, y Figura se explica.



AVnque podria bastar, lo qual al fin del segundo Tomo, en el ultimo Tratado se dixo, paraque supiesse el Curioso, y Ingenioso Letor, quando, y de que puede servir en particular cada Lamina, con todo esso porque alli se dilata el Discurso, me parecio ser, sino necessario, muy util, poner esta presente Tabla, en que lo que alli se dice, o declara, con suma brevedad se appunte solamente y se cite.

PARTE I.

De las Laminas, que conciernen al Templo de Ierusalen.

LAmina A. part.1 art.1 pag.63 Pintase en ella el Templo de Ierusalen; no como le imagina el P. Iuan Bautista Villalpando; sino como le pintan los Rabbinos, y el verdaderamente fue.

B. part.1 tr.9 art.1 pag.63 Dibuxanos el Mar de bronce (en Latin *Mare Æneum*) Ponense grandes dotrinas contra los Herejes Iconomachos (Lutheranos, Calvinistas &c.) que niegan ser licito el uso comun de las Imagenes: y contra los Copernicanos, que mandan, que se mueva la Tierra.

C. part.1 tr.9 art.1 pag.64 Havia muchos grandes y differentes Vasos en el Templo, para ministerios diversos. Pintase uno en esta Lamina, paraque se colixa, como hauran sido los demas.

D. part.1 tr.9 art.1 pag.64 Fue el Altar del Holocausto grande, pues en el se convirtian en ceniza animales enteros. El que se representa aqui, se ajusta a las proporciones y medidas, que se leen en la Biblia, y nos dan differentes Autores.

E. part.1 tr.9 art.1 pag.64 Es Imagen curiosa del Altar del Incienso. Imite en el, y en los dos passados Dibuxos al Pincel del P. Villalpando, que se apparta con razon y con gala de las Delineaciones y pinturas antiguas.

PARTE II.

De las Laminas, que sirven en la Arithmetica, Geometria, Logarithmica, y en otras Mathematicas Ciencias; y se explican de espacio en la Architectura Natural, Libro, que saldra presto a luz, y sera el Tomo Quarto de nuestra Architectura.

I. PArt. 2 tr.7 art.4 secc.3 pag.59 tr.9 art.2 pag.64

II. Fig.5 trat.1 art.6 pag.9 Fig.7 y 8 trat.1 art.6 pag.10 trat.3 art.6 pag.70 par.2 tr.7 ar.4 secc. 3 pag.59 tr.9 art.2 pag.64

III. par.2 tr.9 art.2 pag.65

IV. in princ.trat.2 art.6 pag.45 trat.2 art.7 pag. 47 Fig. Τρίπλευρως trat.3 art.5 pag.67 trat.3 ar.5 pag.69 trat.3 ar.6 pag.70 trat.4 art 1.pag. 2 tr.4 art.1 pag.3 art.5 pag.25 Fig. Τριπλευ-ρος trat.4 ar.6 pag.31 Fig.Superficies solida ar. 7 pag.33 Fig.Ager Irreg. p.45 F.Cubus. art. 8 pag.46 tr.9 art.2 pag.65.

V. trat.2 art.6 pag.45 Fig.7 tr.3 art.5 pag.67 Fig.51 tr.4 art.1 pag.7 Fig.7 tr.4 art.1 pag.7 Fig.5 y 6 trat.4 art.1 pag.8 Fig.6 y 4 ibid. Fig. 4,5 y 7 trat.4 art.1 p.13 Fig.3,4 y 5 art.7 pag. 39 Fig.6 y 7 pag.40 Fig.1 art. 10 pag.57 tr.9 art.2 pag.65.

VI. Fig.6 tr.4 art.1 pag.7 Fig.2 tr.4 art. 1 pag.8 Fig.13 tr.4 art.1 pag.9 Fig. 61 pag. 14 Fig.15 tr.4 art. 5 pag.25 Fig.16 art.7 pag.33 Fig.8 pag.38 Fig.12 pag.39 y 40.tr.9 art.2 pag.65

VII. Fig.14 tr.4 art.1 pag.4 Fig.37 ibid. Fig.37 tr.4 art.1 pag.5 Fig.31 y 34 ibid. Fig.22 y 25 tr.4 art.1 pag.7 Fig.26 tr.4 art.1 pag.8 Fig.31 40,41 tr.4 art.1 pag.9 Fig.37 ibid. Fig.31 y 27 ib.

PARTE III.

Contiene las Laminas y Figuras, que pertenecen à la Architectura Recta, y a los Ordenes de las Colunas.

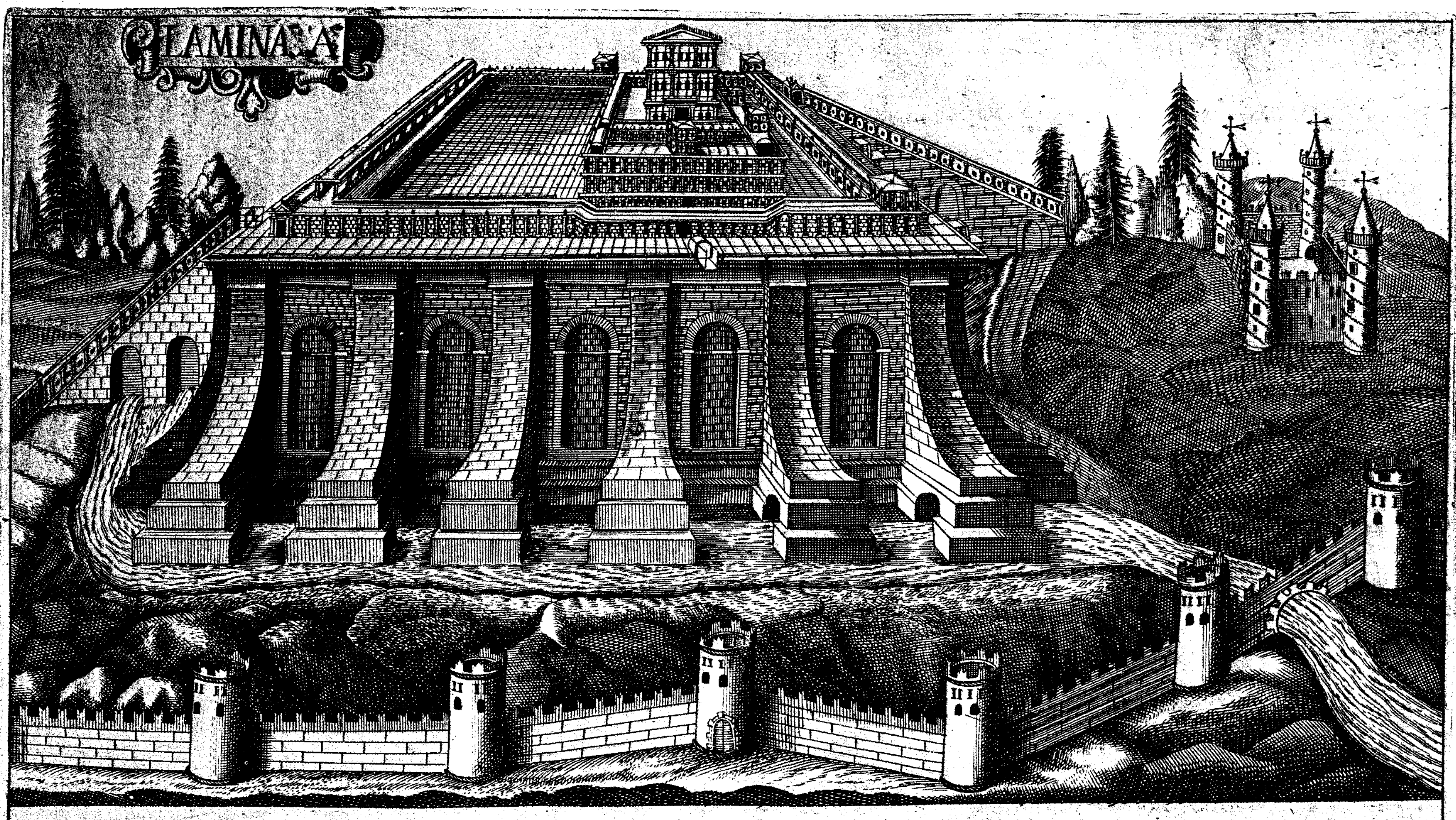
PARTE IV.

Contiene las Laminas, que pertenecen a la Architetura Obliqua, con todas Delineaciones Nuevas, en que se enseña con demostracion ocular, como de las Rectas las Lineas Obliquas se deducen.

XXI. Part.2 tr.6 art. 10 pag.14 art. 12 pag. 19 trat.7 art.4 pag.50 tr.9 art.4 pag.107
XXII. Part.2 tr.6 art.15 not.1 pag.35 tr.9 art. 4 pag.107
XXIII. Part.2 tr.6 art.3 pag.5 art.7 pag. 11 tr.9 art.4 pag.107
XXIV. part.2 tr.6 art.8 pag.12 tr.9 art 4 p. 108
XXV. Part.2 tr.6 art.3 pag.6 art.12 pag.20 tr. 8 art.3 secc.2 pag.41 tr.9 art.4 pag.108
XXVI. Part.2 tr.6 art.13 pag.22 tr.8 art. 3 secc. 2 pag.41 tr.9 art.4 pag.108
XXVII. Part.2 tr.6 art.13 pag.22 tr.9 art. 4 p. 108
XXVIII. Fig.2 part.2 tr.6 art.11 pag.18 fig.3 y 4 art.13 pag.21 y 22 tr.9 art.4 pag.108
XXIX. Part.2 tr.6 art.16 pag.36 tr.9 ar.4 p.108
XXX. Part.2 tr.6 art.14 secc.4 pag.25 tr. 9 art. 4 pag.109
XXXI Part.2 tr.7 art.4 pag.52 tr.8 art.3 secc. 3 pag.42 art.4 secc.1 p.54 tr.9 ar.4 p.19
XXXII. Part.2 tr.7 art.4 p.53 tr.8 art.3 secc.3 p. 42 art.4 secc.1 pag.54
XXXIII. Part.2 tr.7 art.4 pag.53 tr.8 art.3 secc. 3.pag.42 art.4 secc.1 pag.54
XXXIV. Part.2 tr.7 art.4 pag.53 tr.8 art.3 secc. 3 pag.42 art.4 secc.1.pag.54
XXXV. part.2 tra.7 art.4 pag.59 tra.9 ar.4 pag. 109
XXXVI. Part.2 tr.7 art.4 pag.60 tr.9 art.4. pag. 109
XXXVII. Tr.9 art.4 pag.109
XXXVIII. Part.2 tr.7 art.6 pag. 65 tr.9 art.4. pag.109
XXXIX. Part.2 tr.7 art.6 pag.65 tr.9 art.4 pag. 109
XL. Tr.9 art.4 pag.109.
XLI. Part. 2 tr.7 art. 7 pag. 67 fig.4 part. 2 tr. 7 art. 8 secc.1 pag.72 fig.2 sec.2 pag.73 y 74 tr.9 art.4 pag.109
XLII. Part.2 tr.8 art.8 in quest.pag.61.




Solemq. suum
sua Sydera
norunt. Vir.
Et forma tri
corporis
umbra. Virg.
PARTE I.
EN QVE SE PONEN
Las Orthographias de los Edificios,
Altares, y Vasos
DEL TEMPLO
DE IERVSALEN.
ANNO DOMINI M DC LXXVIII
SVPERIORVM PERMISSV.
VIGLEVANI in Officina Episcopali. apud Camillum Corradam.



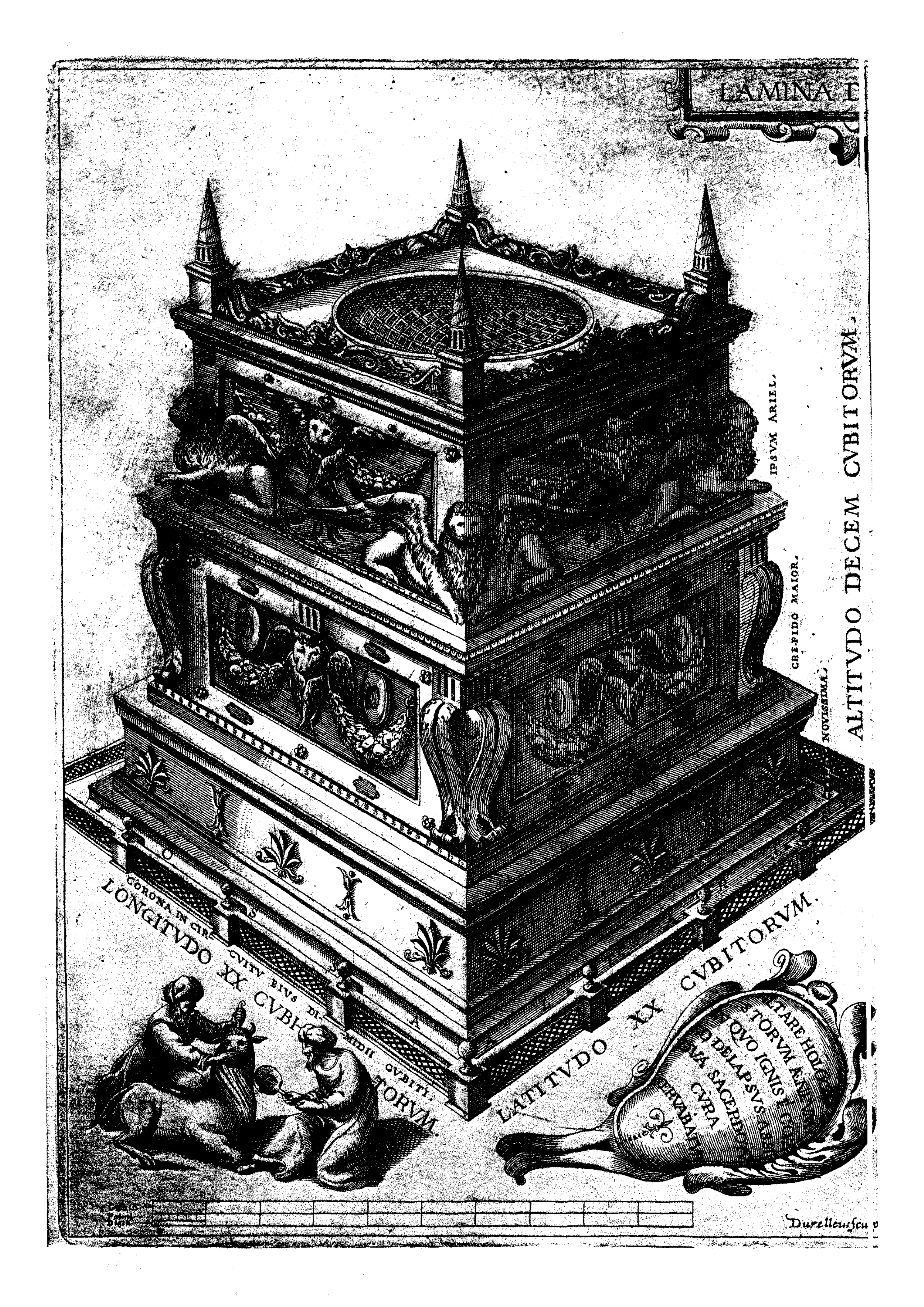
TEMPLI HIEROSOLYMITANI ACCVRATA DESCRIPTIO

Cæsar de Laurentijs fecit

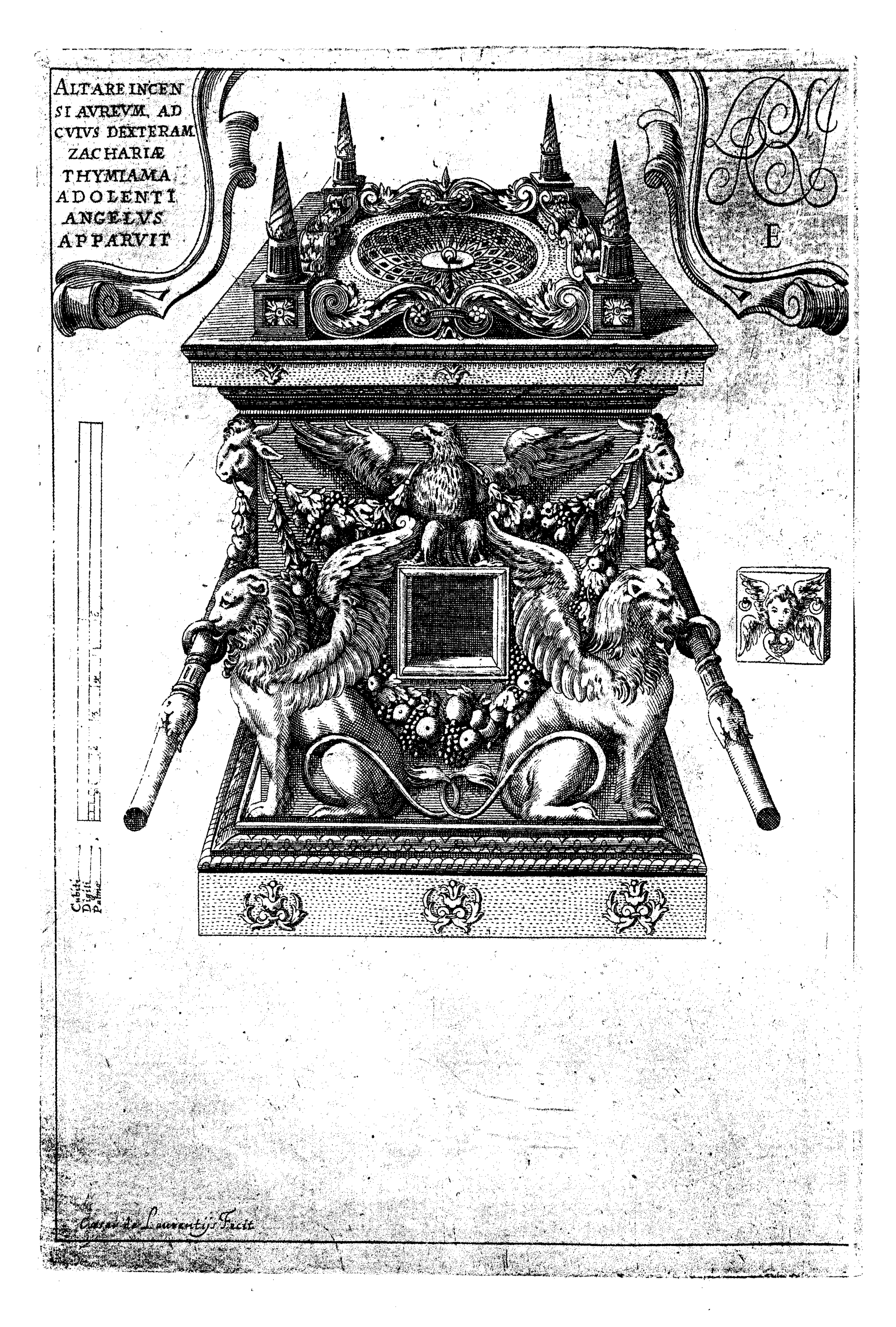

LAMINA
B
MARE
ÆNEVM IN QVO
SACERDOTES
LAVABANTVR
Cubiti
Digiti
Palma
Cultri æræi Imago
Talibus cultris vtebantur etiam Ethnici, hic enim apud Plutonis aram effossus est.
Cæsar de Laurentijs fecit.

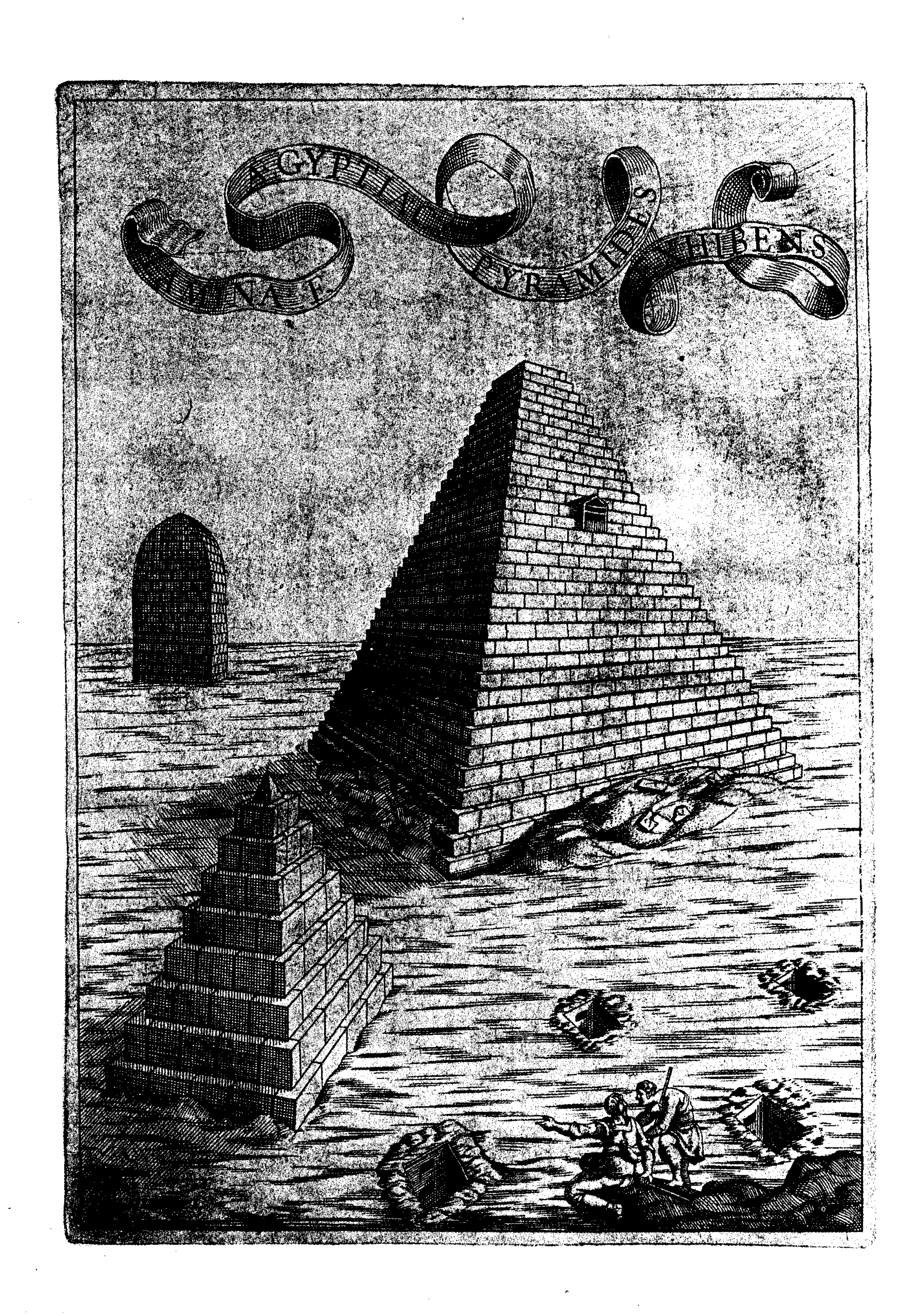


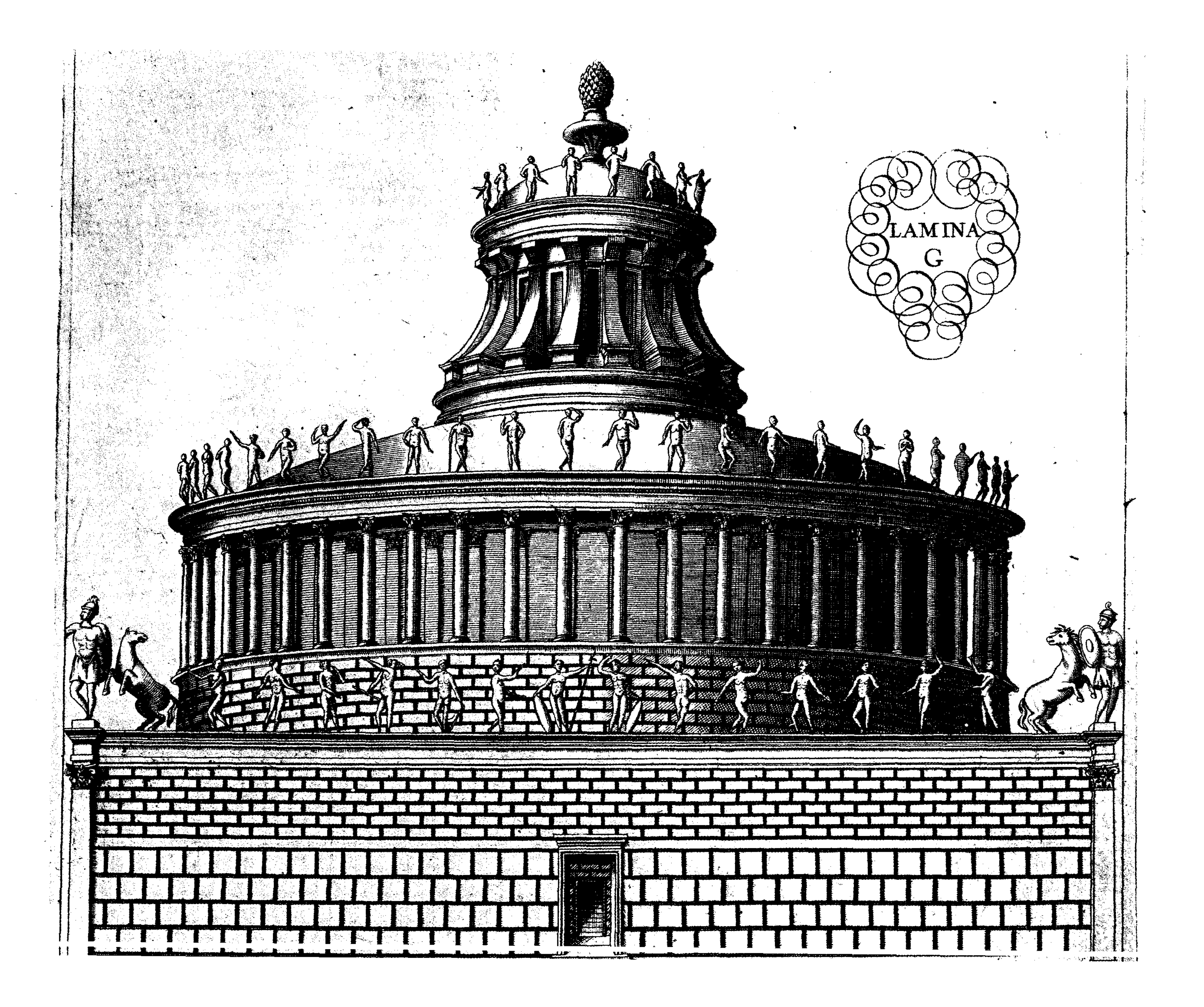
PELVIVM AC VASORVM ÆNEORVM
IN QVIBVS SACRIFICIA LAVABANTVR
FIGVRA.

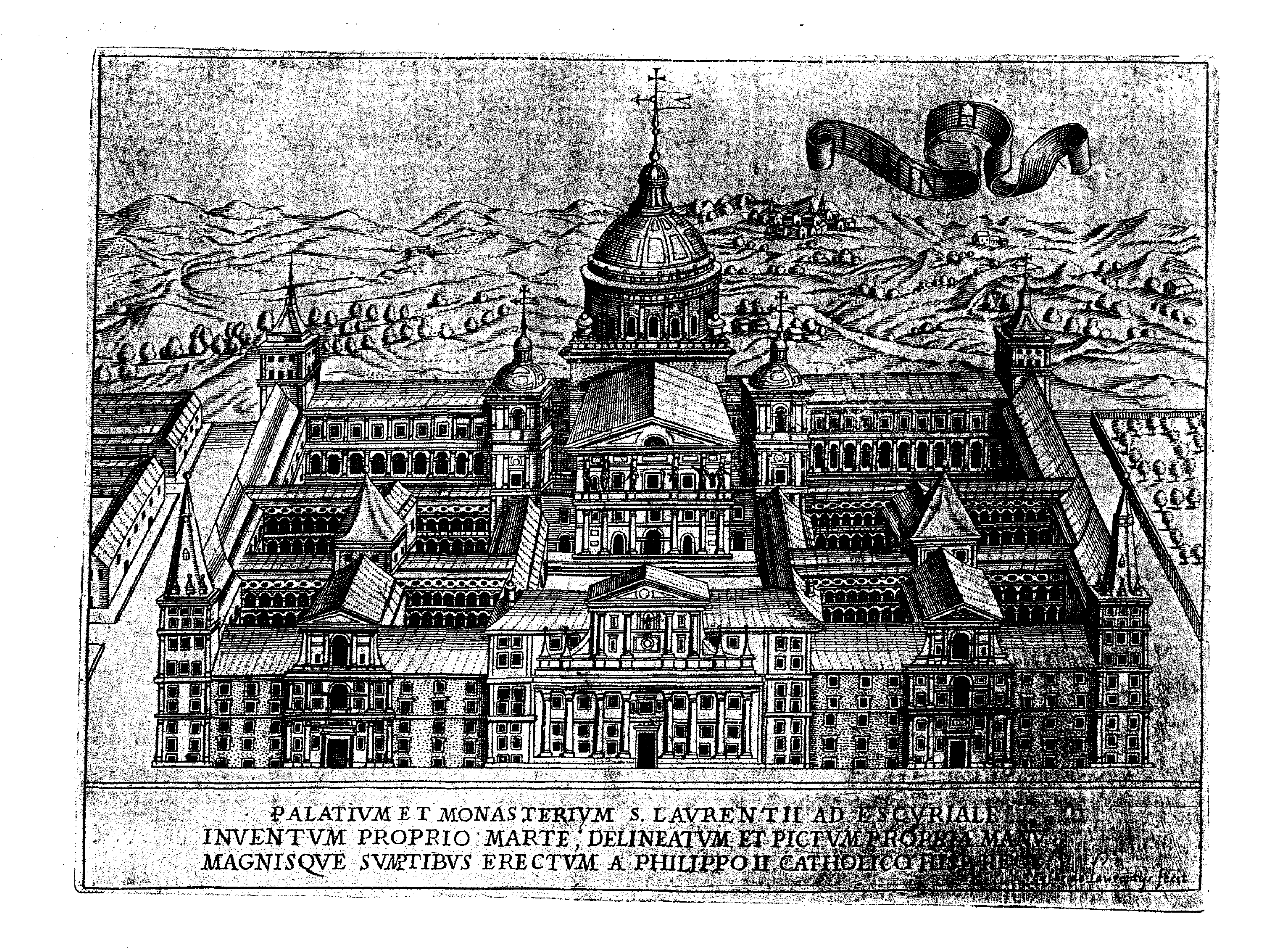


LAMINA I
IPSVM ARIEL
CREPIDO MAIOR
NOVISSIMA
ALTITVDO DECEM CVBITORVM
CORONA IN CIRCVITV EIVS DIMIDII CVBITI
LONGITVDO XX CVBITORVM
LATITVDO XX CVBITORVM

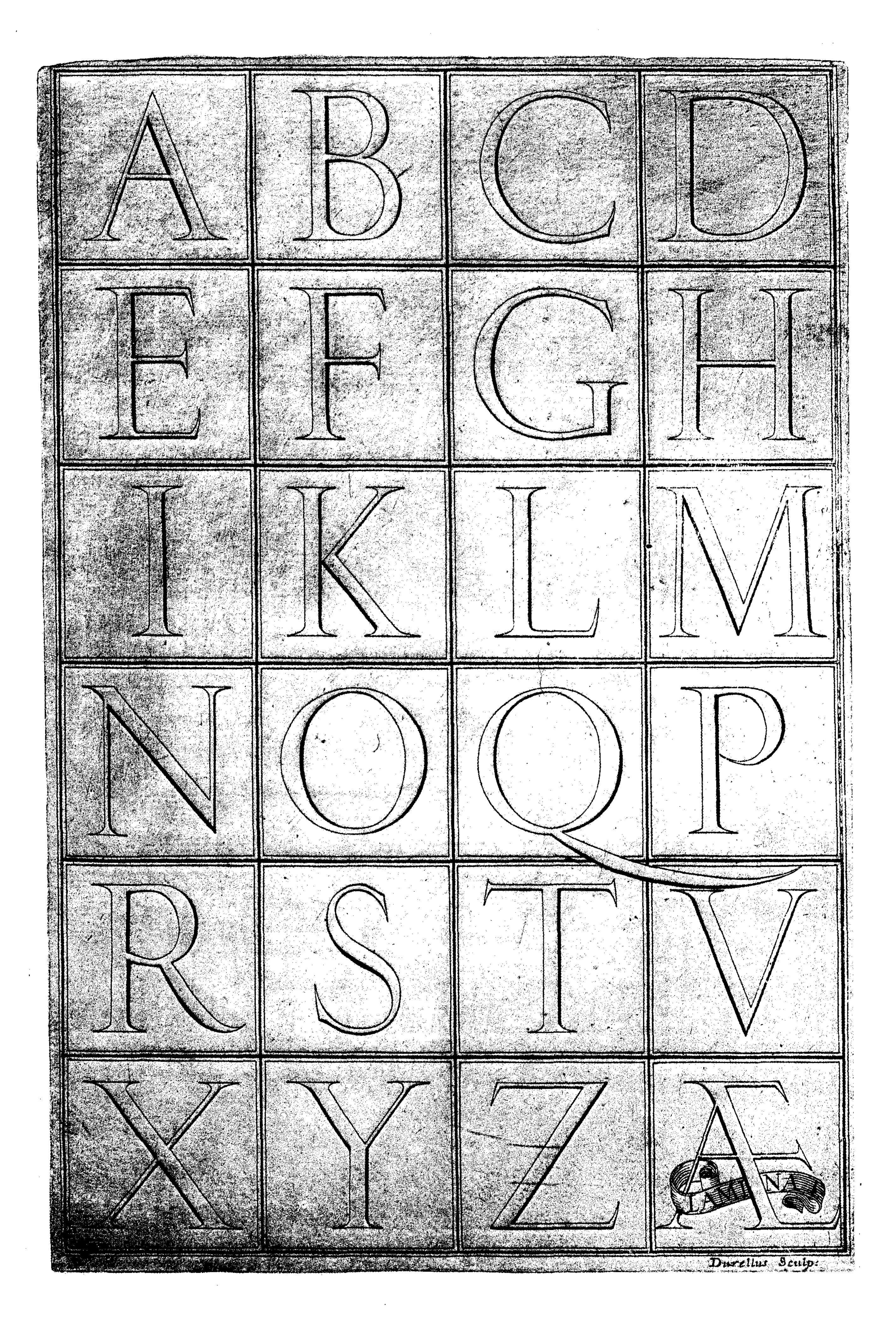

ALTARE INCEN
SI AVREVM, AD
CVIVS DEXTERAM
ZACHARIÆ
THYMIAMA
ADOLENTI
ANGELVS
APPARVIT
E
Cubiti
Digiti
Palme
Cesar de Laurentijs Fecit

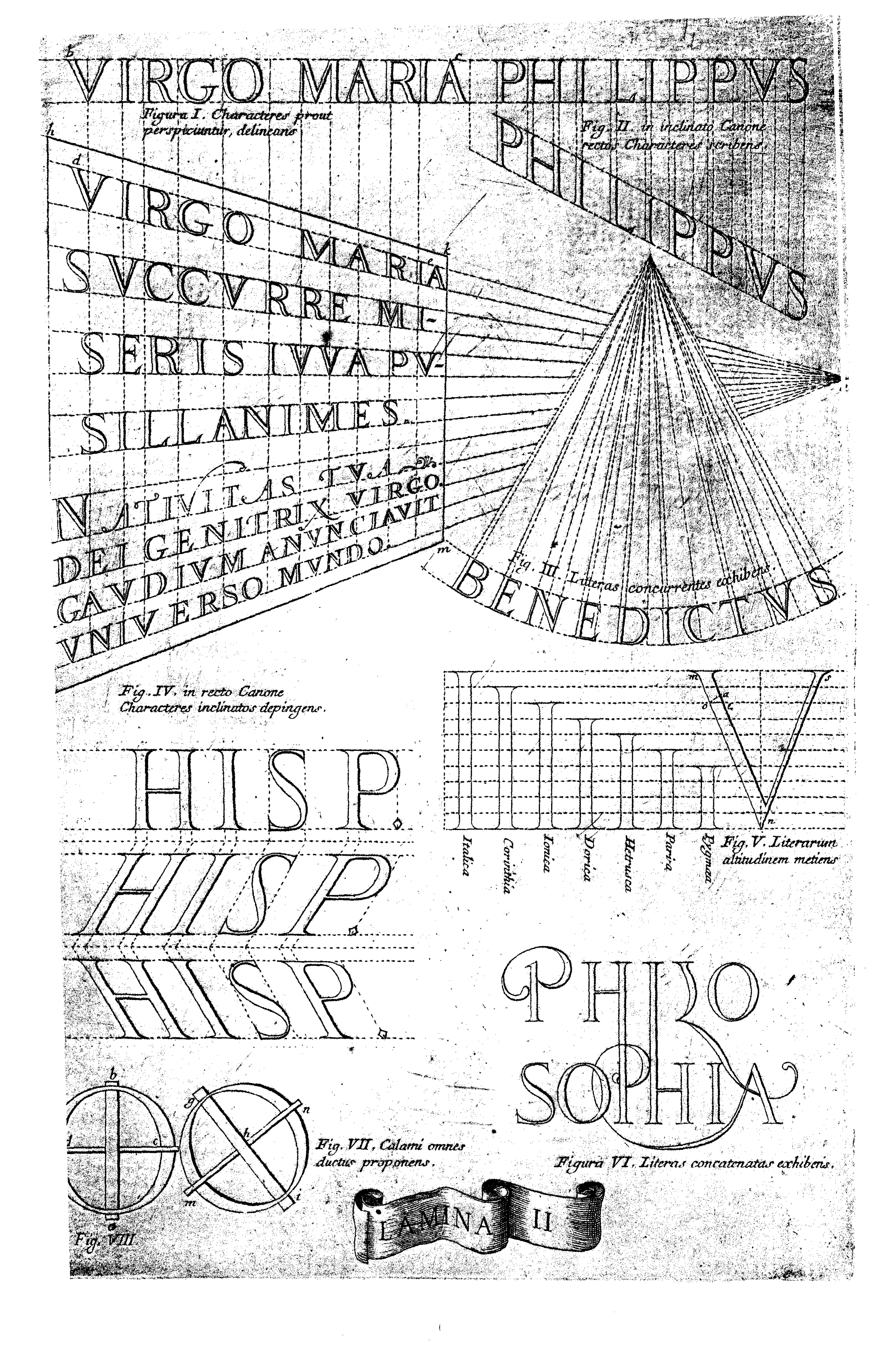

AMINA I.
ÆGYPTIAE
PYRAMIDES
HIBENS

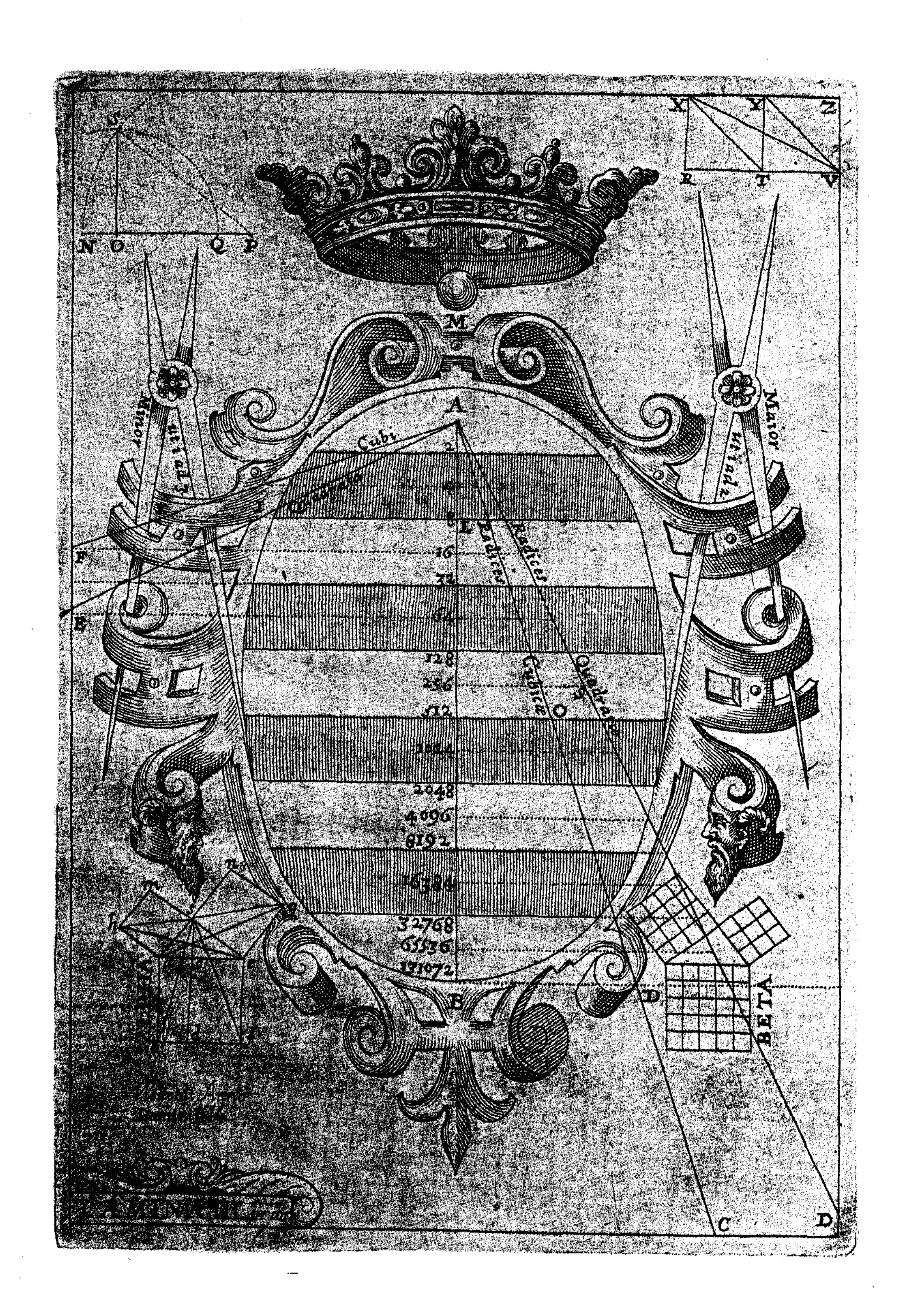

LAMINA
G


PALATIVM ET MONASTERIVM S. LAVRENTII AD ESCVRIALE
INVENTVM PROPRIO MARTE, DELINEATVM ET PICTVM PROPRIA MANV
MAGNISQVE SVMPTIBVS ERECTVM A PHILIPPO II CATHOLICO

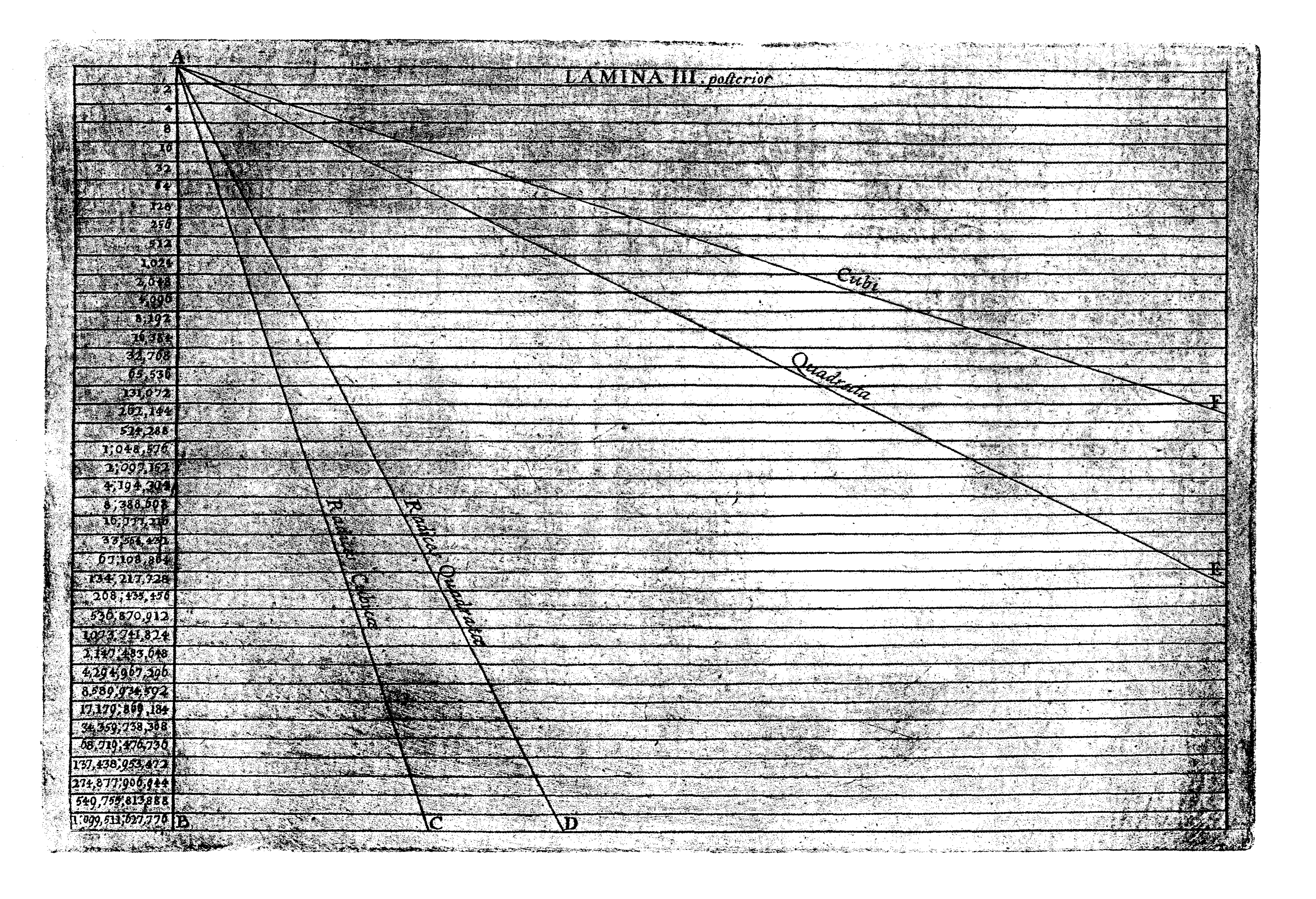

solemq. suum
sua Sydera
norunt. Virg.
Et forma tri
corporis
Virg.
PARTE II.
EN QVE SE CONTIENEN
Las Figuras que conciernen a la
Calographia, Arithmetica,
Geometria. &c.
Y PRINCIPALMENTE
Las que se explican
EN LA ARCHITECTVRA
NATVRAL.
ANNO DOMINI M DC LXXVIII
SVPERIORVM PERMISSV.
VIGLEVANI in Officina Episcopali. apud Camillum Corradam.

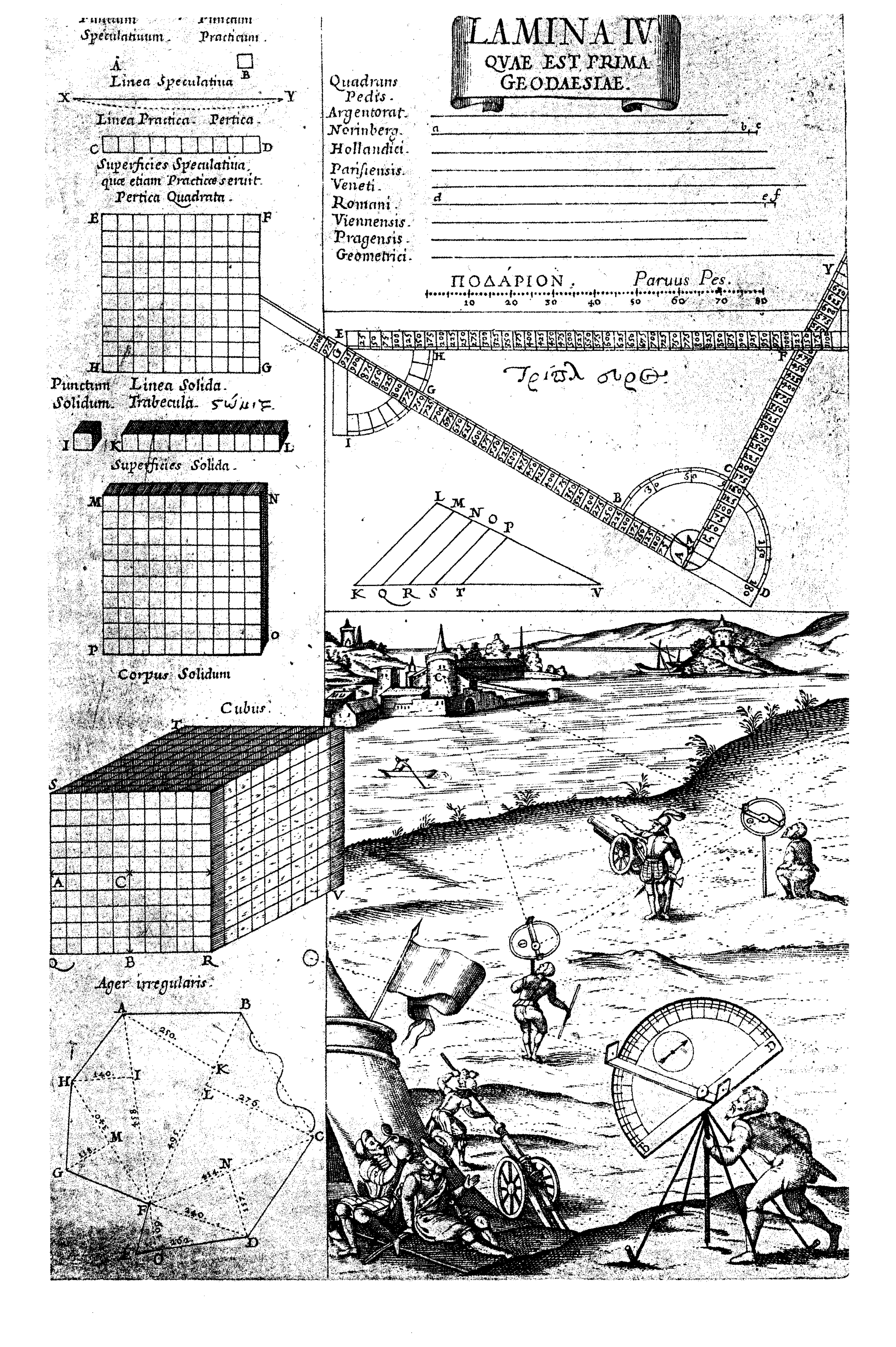

A B C D
E F G H
I K L M
N O Q P
R S T V
X Y Z Æ
LAMINA I
Durellus Sculp:

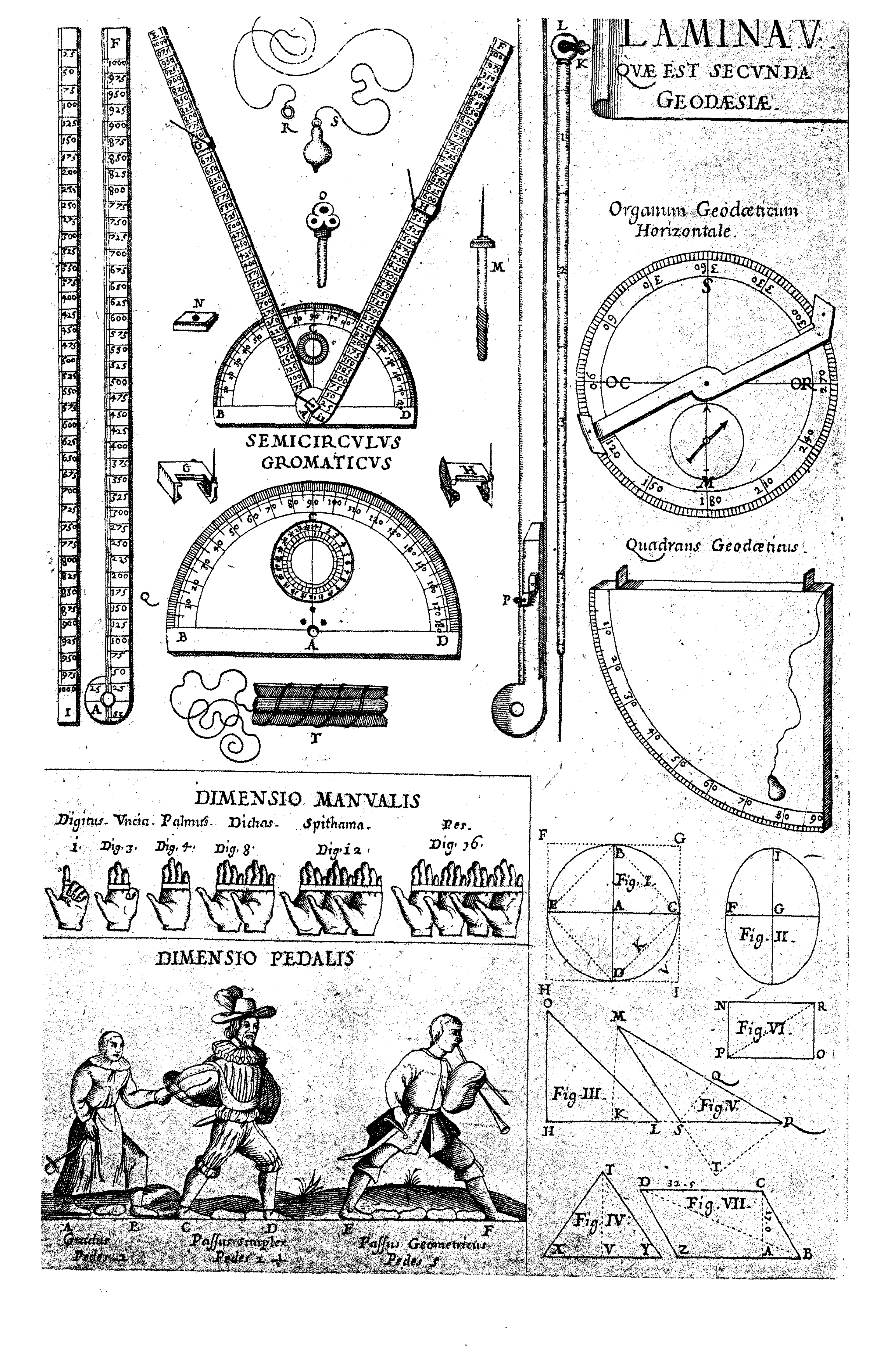

VIRGO MARIA PHILIPPVS
Figura I. Characteres prout perspiciuntur, delineans
PHILIPPVS
Fig. II. in inclinato Canone rectos Characteres scribens.
VIRGO MARIA
SVCCVRRE MI-
SERIS IVVA PV-
SILLANIMES.
NATIVITAS TVA
DEI GENITRIX VIRGO
GAVDIVM ANVNCIAVIT
VNIVERSO MVNDO.
Fig. III. Literas concurrentes exhibens.
BENEDICTVS
Fig. IV. in recto Canone Characteres inclinatos depingens.
Italica
Corinthia
Ionica
Dorica
Hetrusca
Parra
Egyptiaca
Fig. V. Literarum altitudinem metiens
HISP.
HISP.
HISP.
PHILO
SOPHIA
Figura VI. Literas concatenatas exhibens.
Fig. VII. Calami omnes ductus proponens.
Fig. VIII
LAMINA II

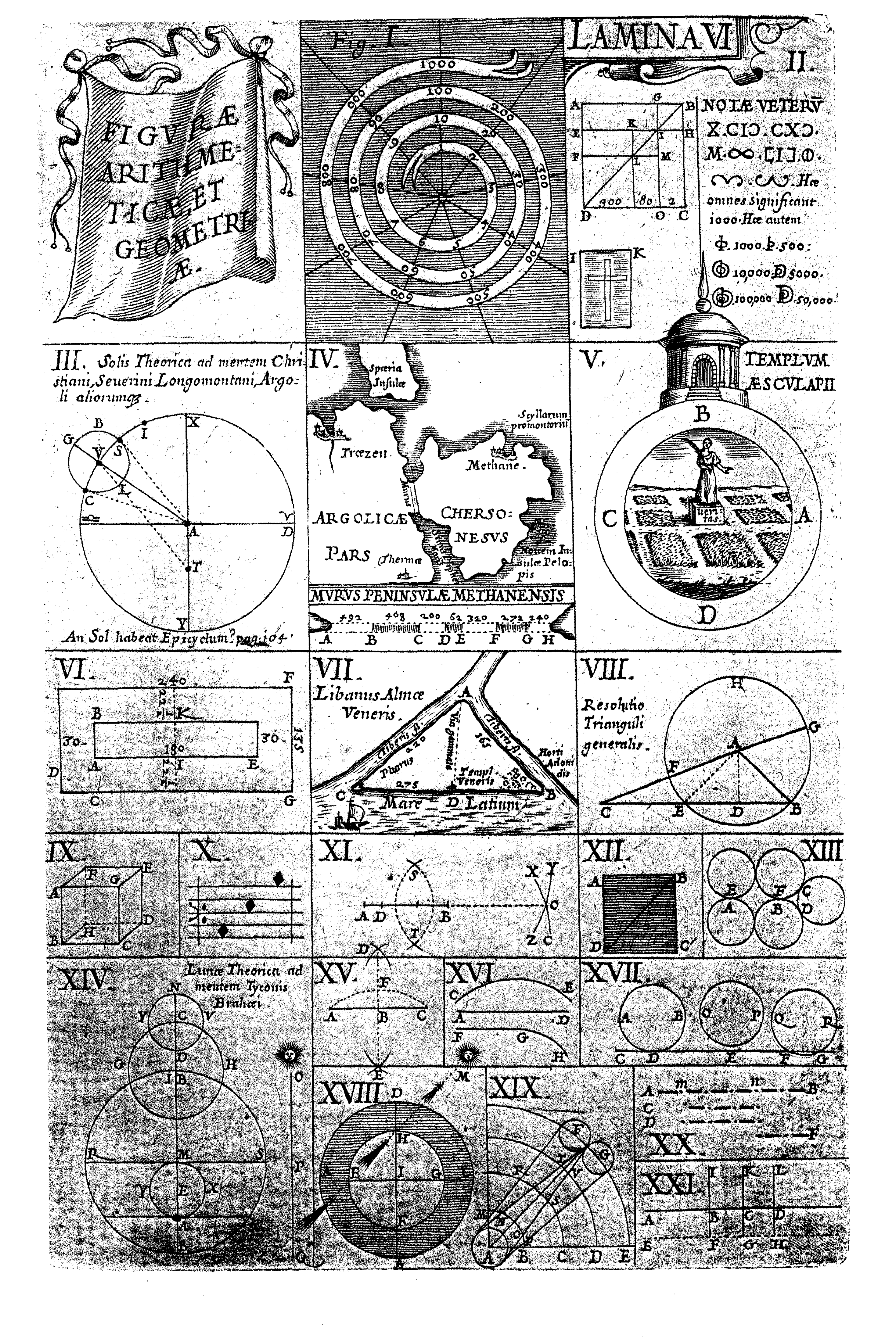


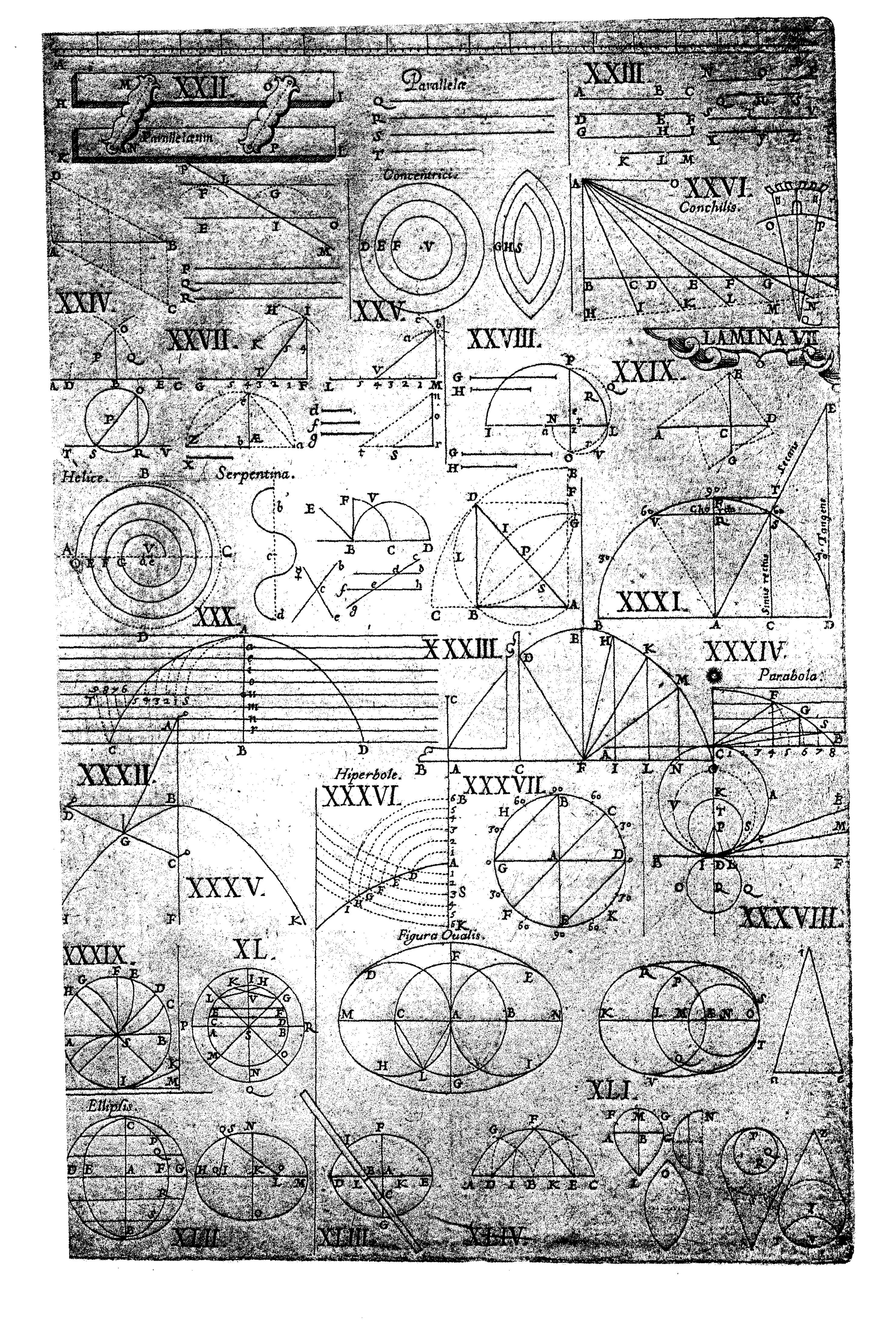
X
Y
Z
R
T
V
N
O
Q
P
M
A
Cubi
Quadrati
Radices
Radices
Cubicæ
Quadratæ
Minor
Maior
F
E
B
D
C
D
BETA
2
4
8
16
32
64
128
256
512
2048
4096
8192
16384
32768
65536
131072

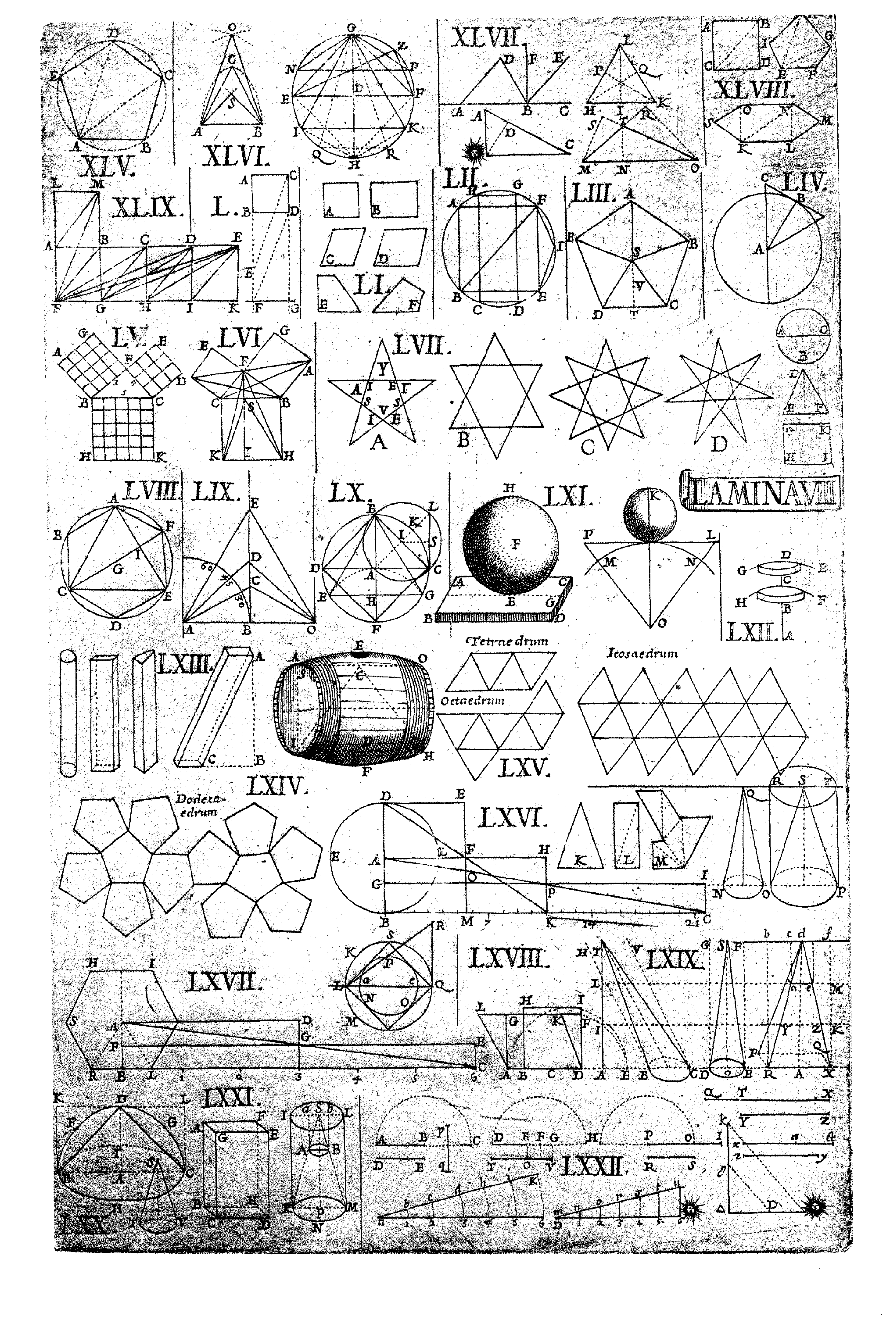

LAMINA III. posterior
A
2
4
8
10
32
64
128
256
512
1,024
2,048
4,096
8,192
16,384
32,768
65,536
131,072
262,144
524,288
1,048,576
2,097,152
4,194,304
8,388,608
16,777,216
33,554,432
67,108,864
134,217,728
208,435,456
530,870,912
1073,741,824
2,147,483,648
4,294,967,296
8,589,934,592
17,179,869,184
34,359,738,368
68,719,476,736
137,438,953,472
274,877,906,944
549,755,813,888
1,099,511,627,776
B
C
D
E
F
Cubi
Quadrata
Radices Cubica
Radices Quadratæ


LAMINA IV
QUAE EST PRIMA
GEODAESIAE.
Punctum Speculatiuum.
Punctum Practicum.
Linea Speculatiua
Linea Practica. Pertica.
Superficies Speculatiua, quæ etiam Practicæ seruit.
Pertica Quadrata.
Punctum Solidum.
Linea Solida. Trabecula.
Superficies Solida.
Corpus Solidum
Cubus.
Ager irregularis.
Quadrans Pedis.
Argentorat.
Norinberg.
Hollandici.
Parisiensis.
Veneti.
Romani.
Viennensis.
Pragensis.
Geometrici.
ΠΟΔΑΡΙΟΝ.
Paruus Pes.

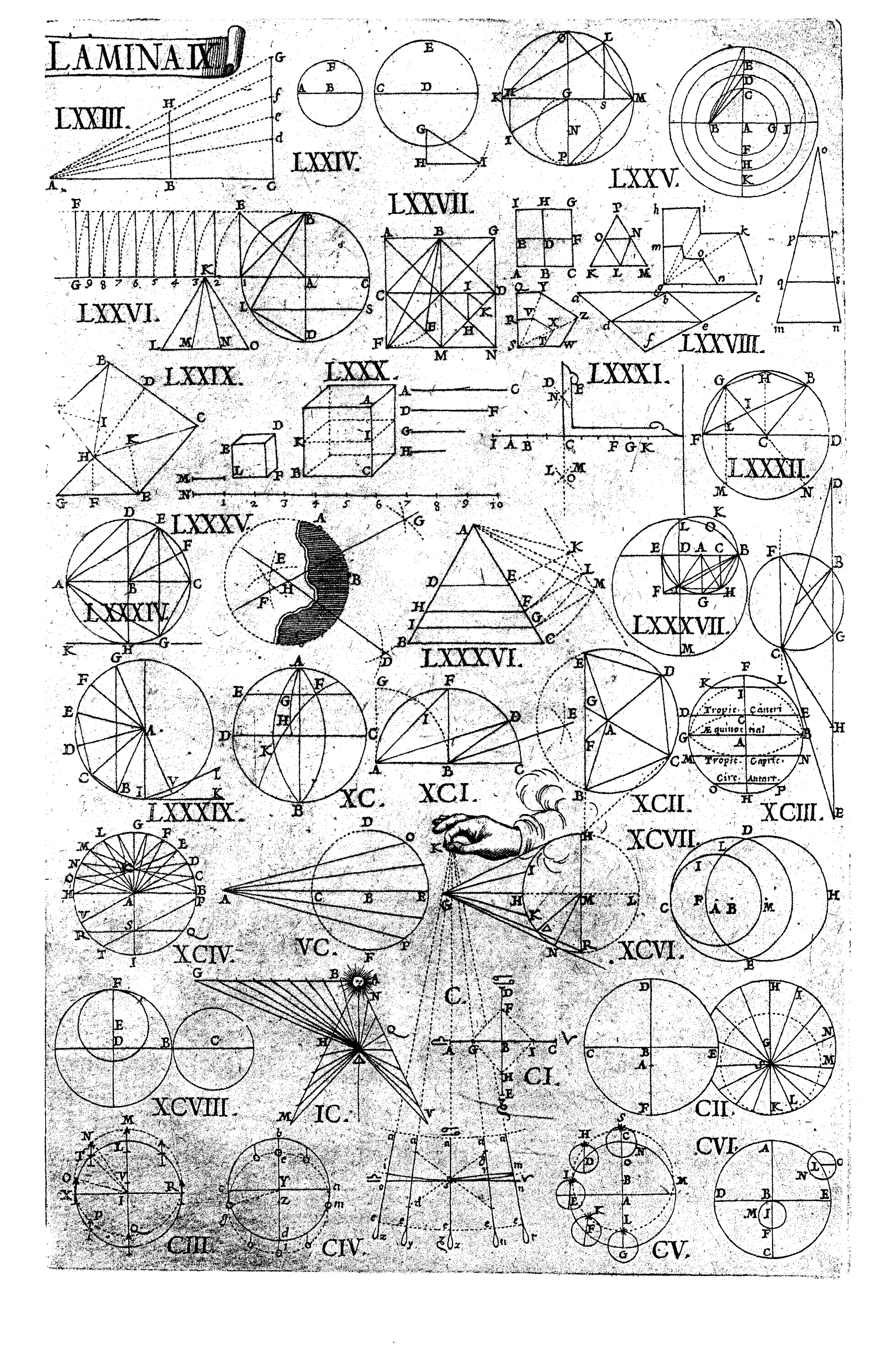

LAMINA V.
QUÆ EST SECUNDA
GEODÆSIÆ.
Organum Geodæticum
Horizontale.
Quadrans Geodæticus.
SEMICIRCULUS
GROMATICUS
DIMENSIO MANUALIS
Digitus. Uncia. Palmus. Dichas. Spithama. Pes.
1. Dig. 3. Dig. 4. Dig. 8. Dig. 12. Dig. 16.
DIMENSIO PEDALIS
Gradus
Pedes 2
Passus simplex
Pedes 2 ½
Passus Geometricus
Pedes 5
Fig. I.
Fig. II.
Fig. III.
Fig. IV.
Fig. V.
Fig. VI.
Fig. VII.

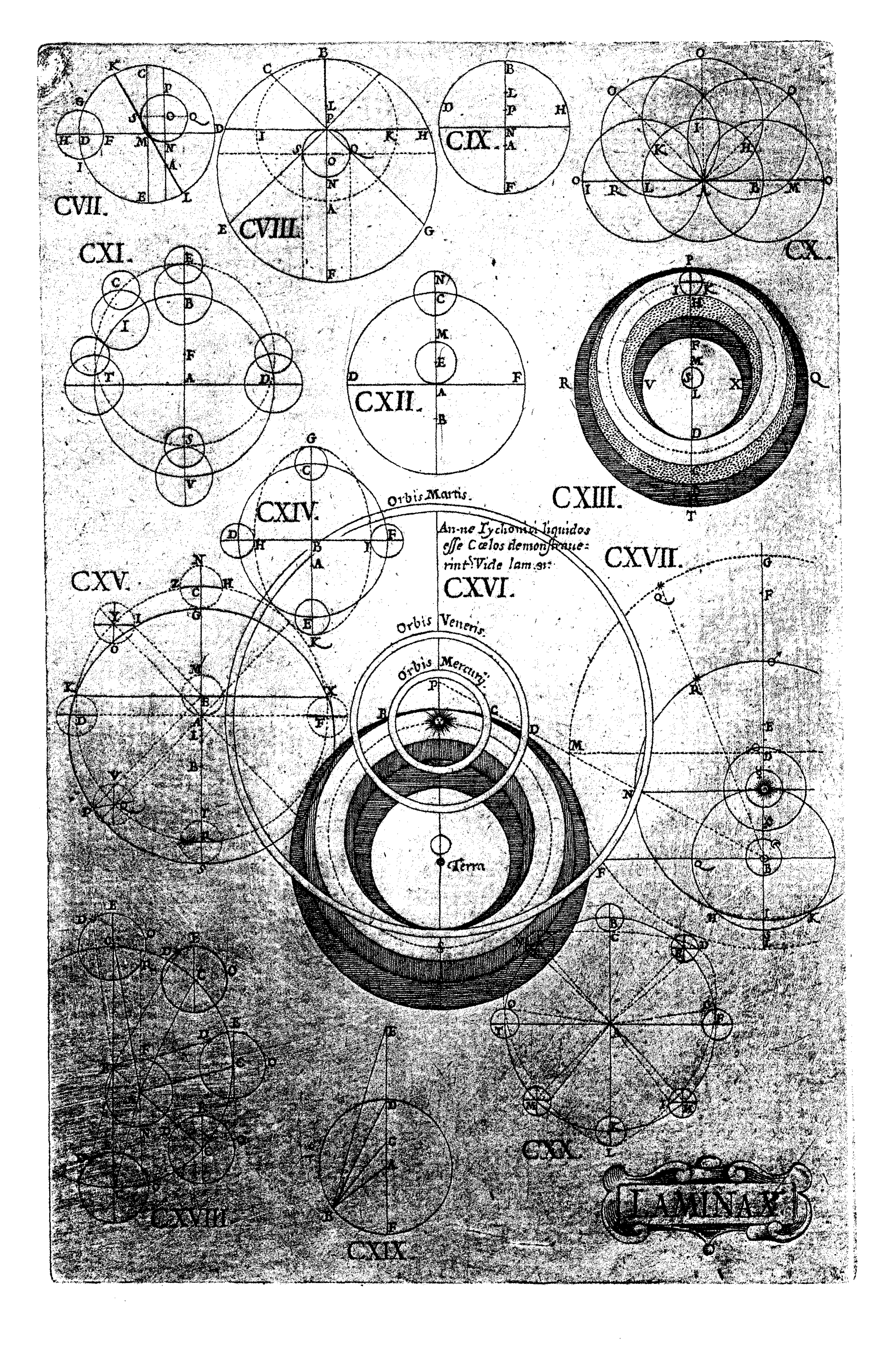

FIGURÆ ARITHMETICÆ, ET GEOMETRIÆ.
Fig. I.
LAMINA VI
II.
NOTÆ VETERV
Hæ omnes significant 1000. Hæ autem
III. Solis Theorica ad mentem Christiani Seuerini Longomontani, Argoli aliorumqꝫ.
An Sol habeat Epicyclum? pag. 104.
IV.
Speria Insulæ
Syllarum promontorium
Trœzen
Methane.
ARGOLICÆ PARS
CHERSONESUS
Thermæ
Nouem Insulæ Pelopis
MURUS PENINSULÆ METHANENSIS
V.
TEMPLUM ÆSCULAPII
VI.
VII.
Libanus Almæ Veneris.
Pharus
Templ. Veneris
Mare Latium
VIII.
Resolutio Trianguli generalis.
IX.
X.
XI.
XII.
XIII
XIV.
Lunæ Theorica ad mentem Tyconis Brahæi.
XV.
XVI.
XVII.
XVIII.
XIX.
XX.
XXI.

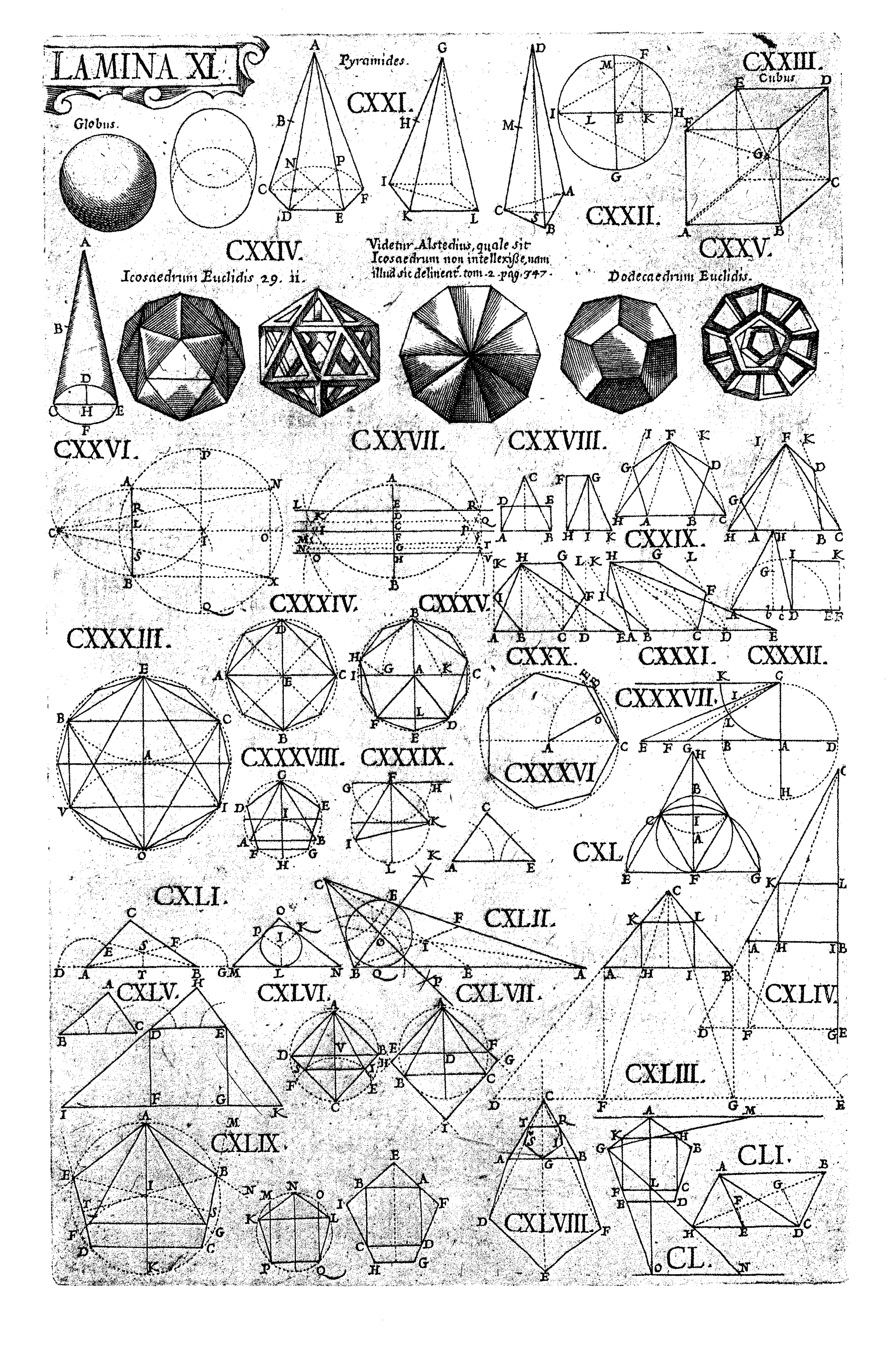

XXII
Parallela
XXIII
XXIV
XXV
Concentrici
XXVI
Conchilis
XXVII
XXVIII
XXIX
LAMINA VII
Helice
Serpentina
XXX
XXXI
Secans
Tangente
Sinus rectus
XXXII
XXXIII
XXXIV
Parabola
Hiperbole
XXXV
XXXVI
XXXVII
XXXVIII
XXXIX
XL
Figura Oualis
XLI
Ellipsis
XLII
XLIII
XLIV

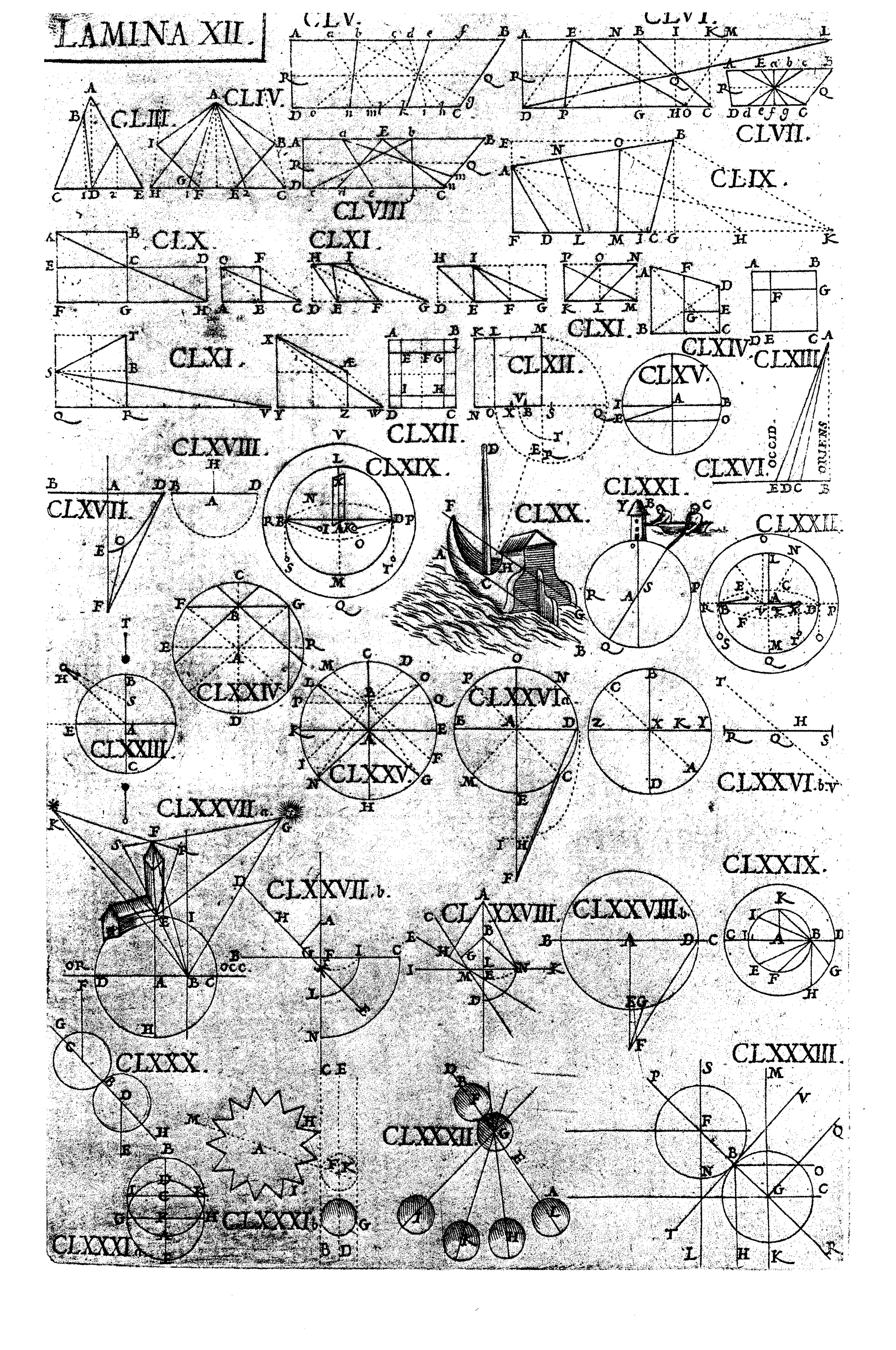


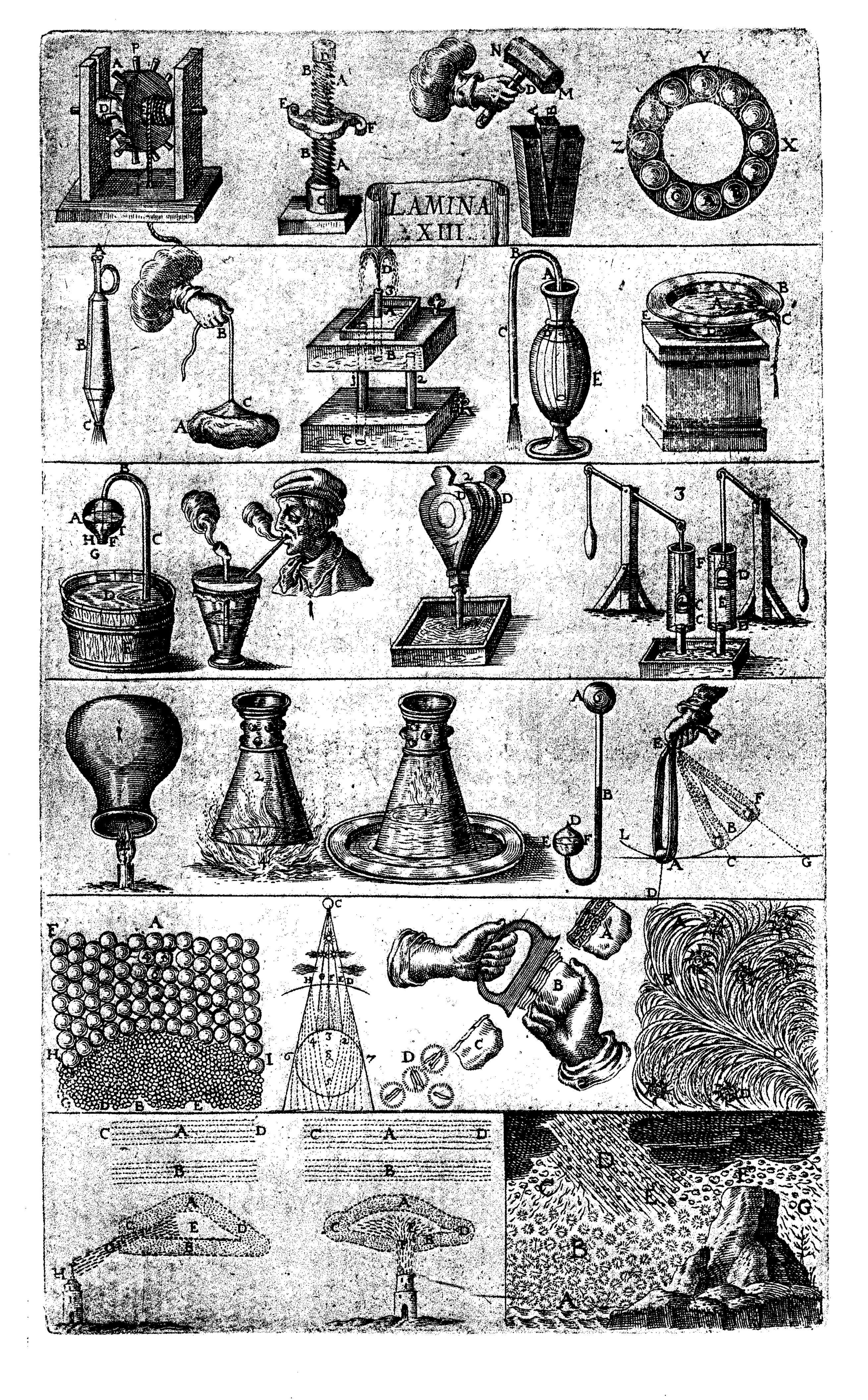
XLV.
XLVI.
XLVII.
XLVIII.
XLIX.
L.
LI.
LII.
LIII.
LIV.
LV.
LVI
LVII.
LVIII.
LIX.
LX.
LXI.
LAMINA VIII
LXII.
LXIII.
Tetraedrum
Octaedrum
Icosaedrum
LXV.
LXIV.
Dodecaedrum
LXVI.
LXVII.
LXVIII.
LXIX.
LXXI.
LXXII.
LXX.

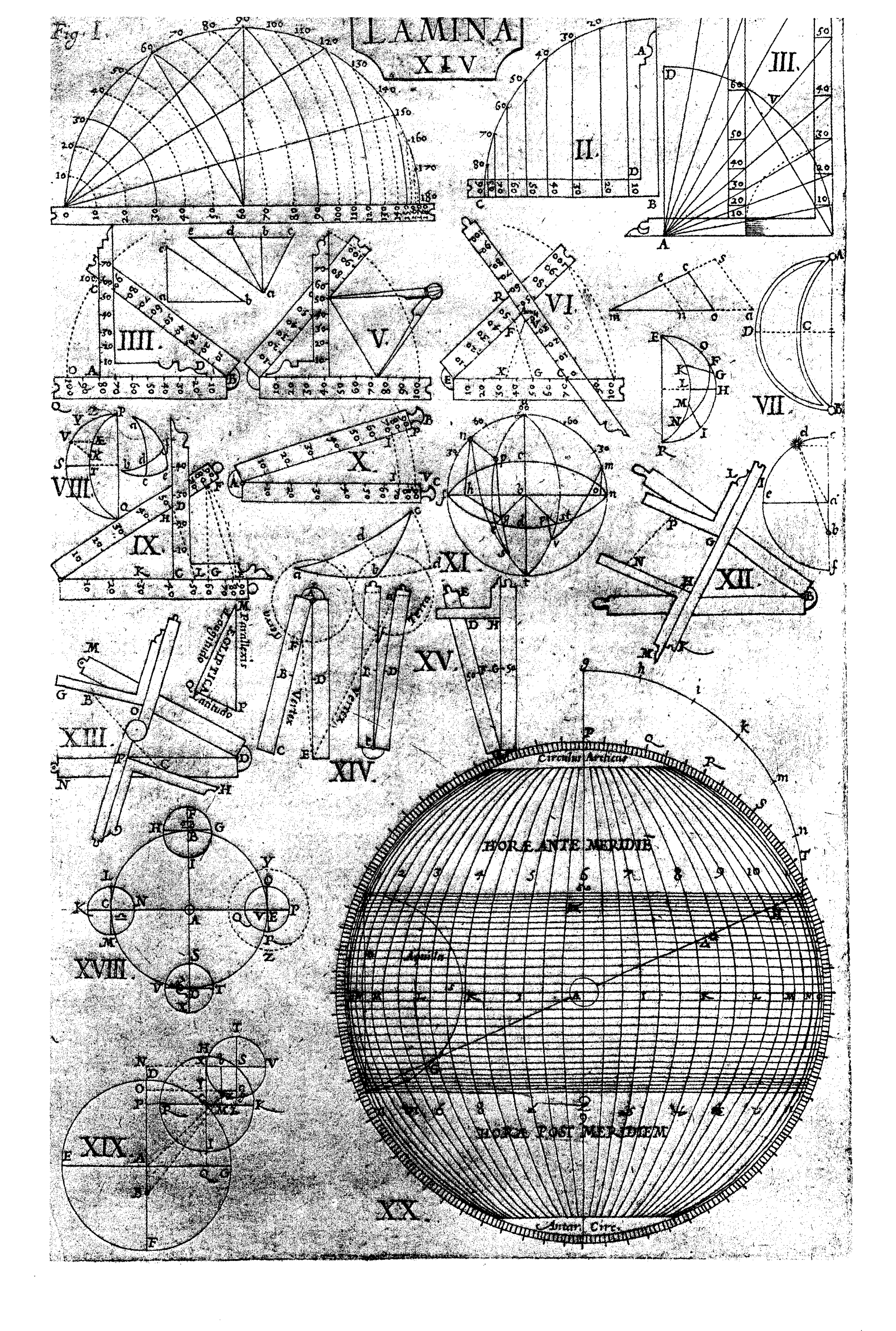

LAMINA IX
LXXIII.
LXXIV.
LXXV.
LXXVI.
LXXVII.
LXXVIII.
LXXIX.
LXXX.
LXXXI.
LXXXII.
LXXXIV.
LXXXV.
LXXXVI.
LXXXVII.
LXXXIX.
XC.
XCI.
XCII.
XCIII.
Tropic. Cancri
Æquinoctial
Tropic. Capric.
Circ. Antart.
XCIV.
VC.
XCVI.
XCVII.
XCVIII.
IC.
C.
CI.
CII.
CIII.
CIV.
CV.
CVI.

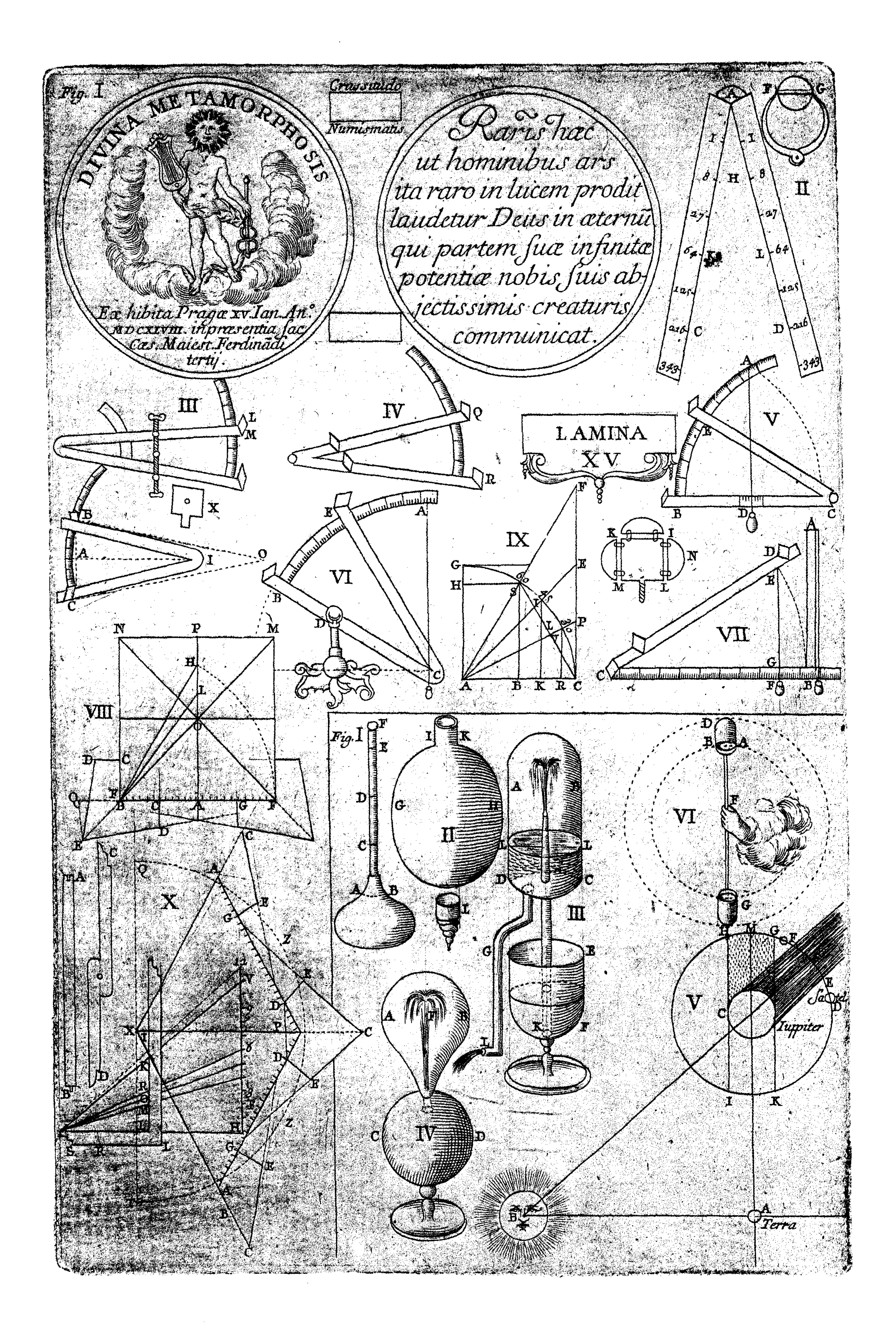

CVII.
CVIII.
CIX.
CX.
CXI.
CXII.
CXIII.
CXIV.
Orbis Martis.
An-ne Tychonici liquidos esse Cœlos demonstrauerint? Vide lam. 31.
CXV.
CXVI.
CXVII.
Orbis Veneris.
Orbis Mercurij.
Terra
CXVIII.
CXIX.
CXX.
LAMINA X.

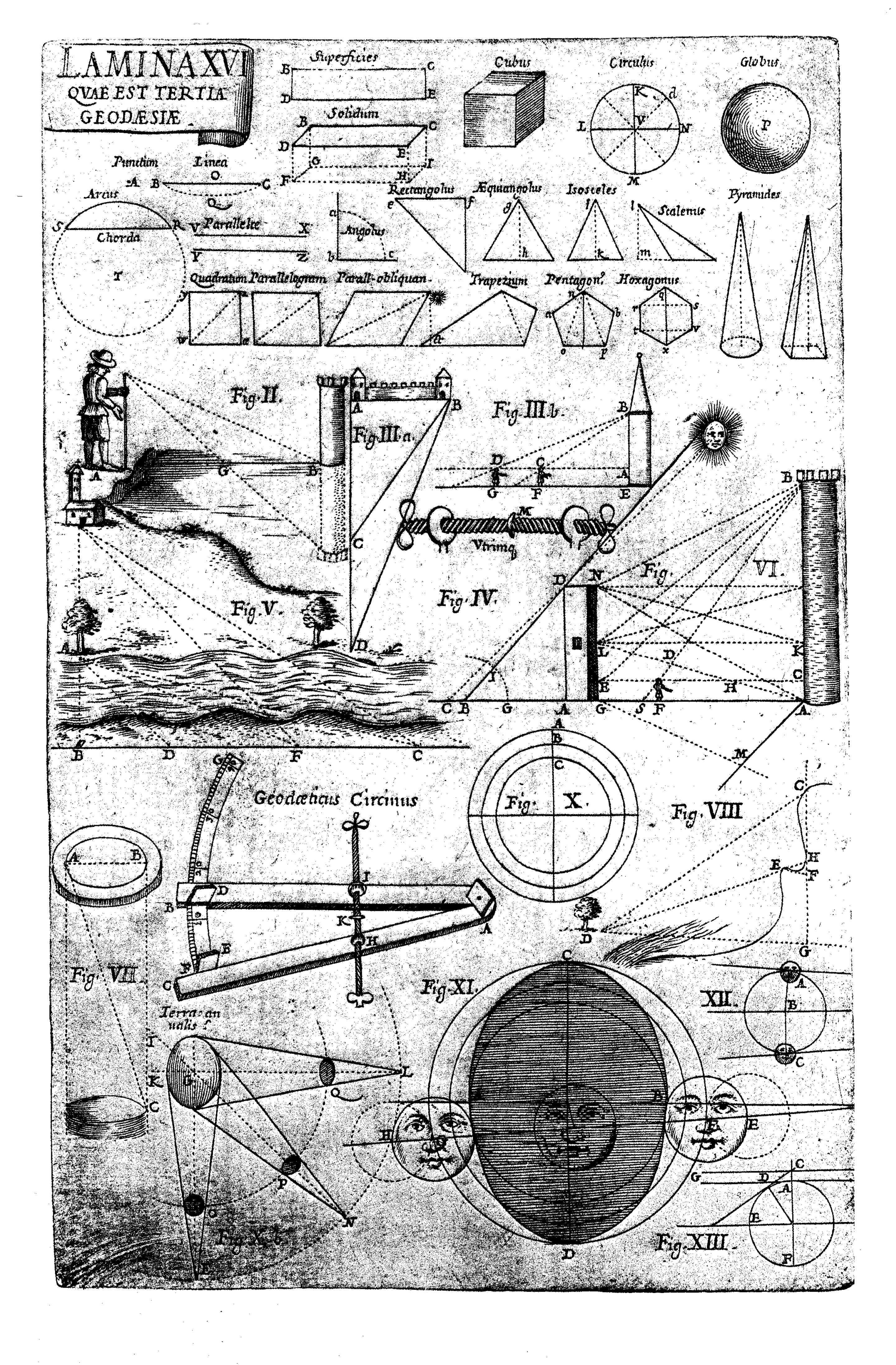

LAMINA XI.
Globus.
Pyramides.
CXXI.
CXXII.
CXXIII.
Cubus
CXXIV.
Icosaedrum Euclidis 29. II.
Videtur Alstedius, quale sit
Icosaedrum non intellexisse, nam
illud sic delineat. tom. 2. pag. 747.
CXXV.
Dodecaedrum Euclidis.
CXXVI.
CXXVII.
CXXVIII.
CXXIX.
CXXX.
CXXXI.
CXXXII.
CXXXIII.
CXXXIV.
CXXXV.
CXXXVI.
CXXXVII.
CXXXVIII.
CXXXIX.
CXL.
CXLI.
CXLII.
CXLIII.
CXLIV.
CXLV.
CXLVI.
CXLVII.
CXLVIII.
CXLIX.
CL.
CLI.


LAMINA XII.
CLIII.
CLIV.
CLV.
CLVI.
CLVII.
CLVIII
CLIX.
CLX.
CLXI.
CLXII.
CLXIII.
CLXIV.
CLXV.
CLXVI.
OCCID.
ORIENS.
CLXVII.
CLXVIII.
CLXIX.
CLXX.
CLXXI.
CLXXII.
CLXXIII.
CLXXIV.
CLXXV.
CLXXVI.a
CLXXVI.b.v
CLXXVII.a.
CLXXVII.b.
CLXXVIII.
CLXXVIII.b.
CLXXIX.
CLXXX.
CLXXXI.a.
CLXXXI.b
CLXXXII.
CLXXXIII.

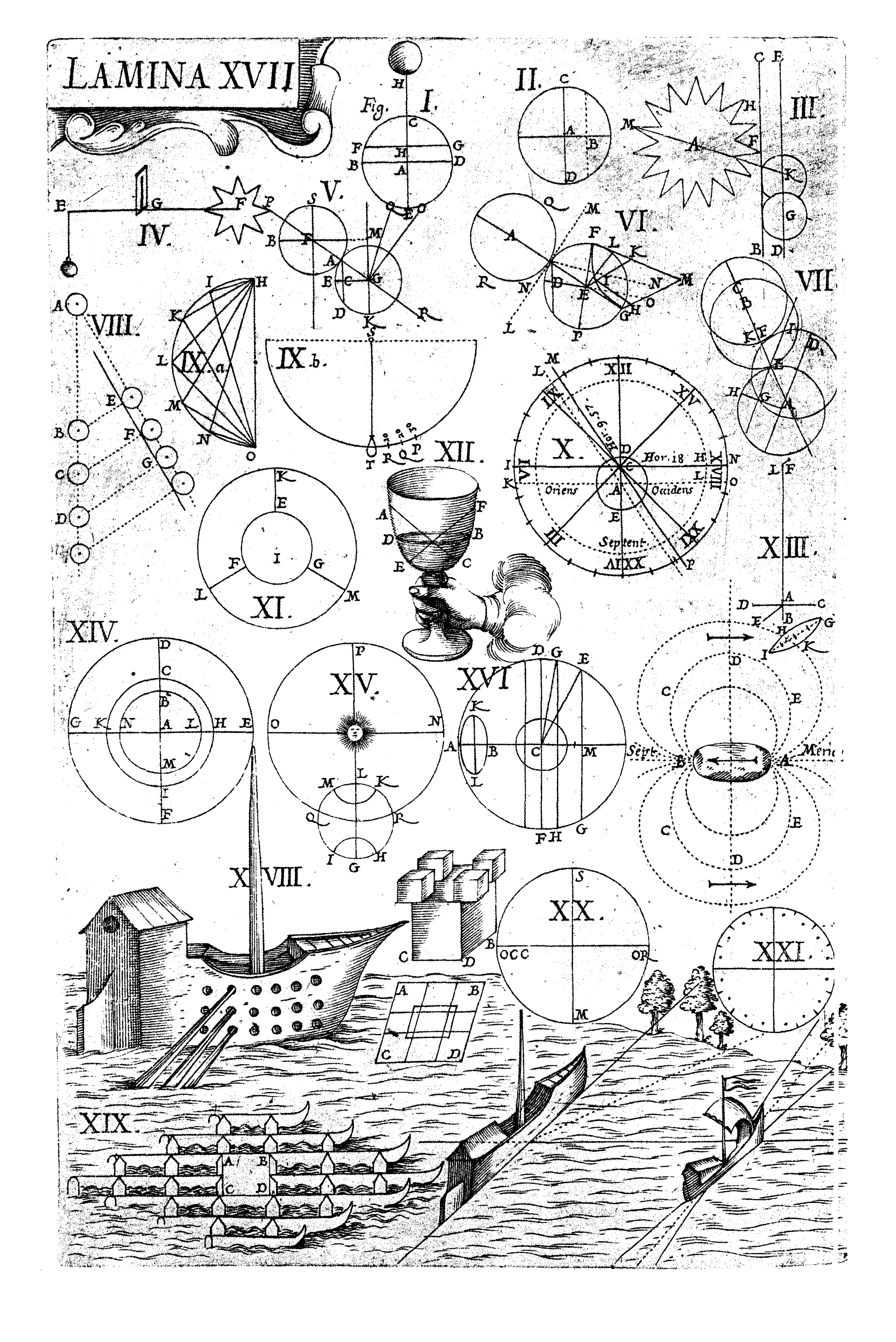

LAMINA
XIII

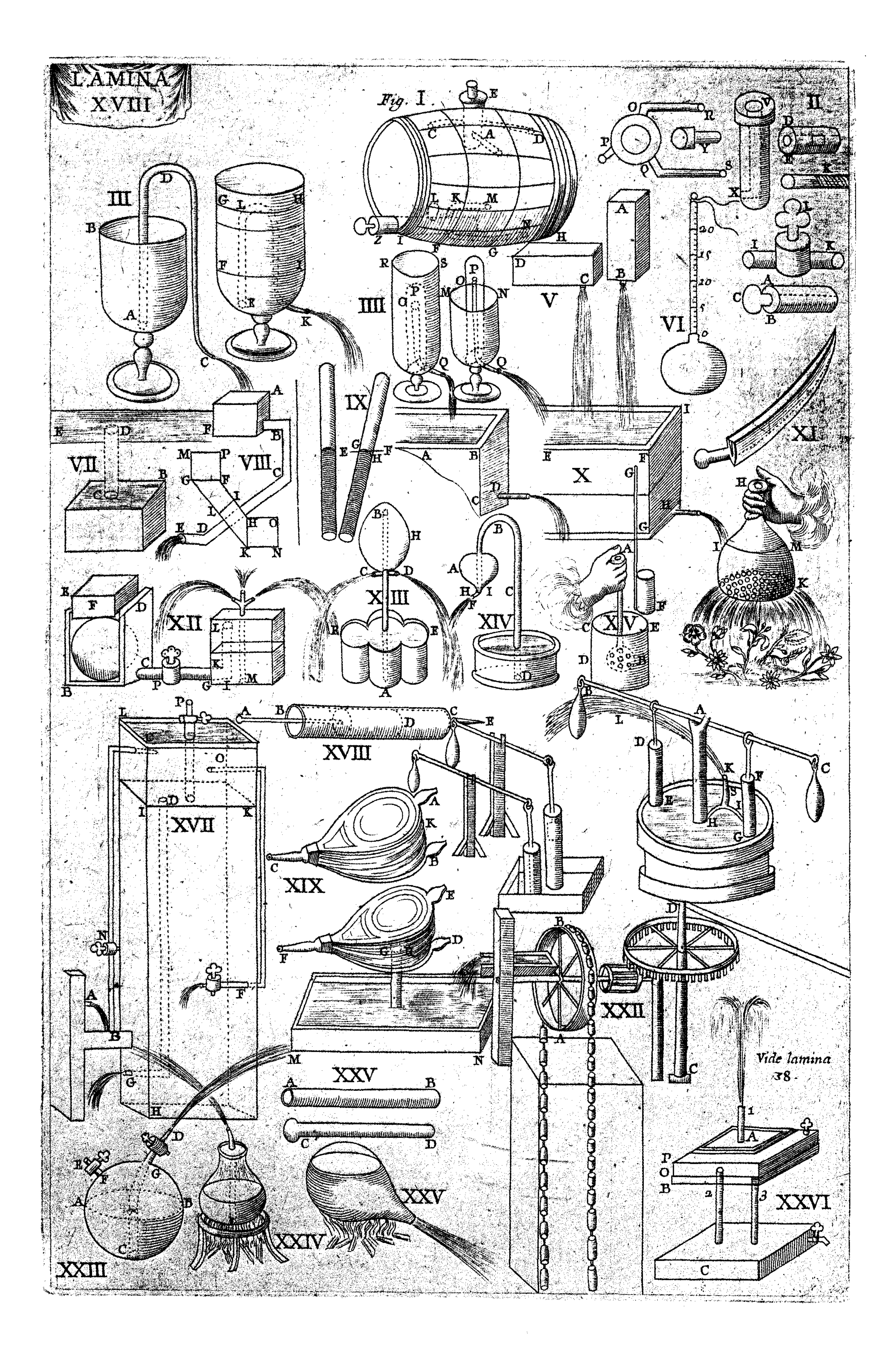

LAMINA
XIV
Fig. I.
II.
III.
IIII.
V.
VI.
VII.
VIII.
IX.
X.
XI.
XII.
XIII.
XIV.
XV.
XVIII.
XIX.
XX.
Circulus Arcticus
HORÆ ANTE MERIDIE
HORÆ POST MERIDIEM
Antar. Circ.
Aquilla
ECLIPTICA
Longitudo
Latitudo
Parallelis
Vertex


Fig. I
DIVINA METAMORPHOSIS
Ex hibita Pragæ XV. Ian. An.° MDCXXVIII. in præsentia sac. Cæs. Maiest. Ferdinādi tertij.
Crassitudo
Numismatis
Raris hæc ut hominibus ars ita raro in lucem prodit laudetur Deus in æternū qui partem suæ infinitæ potentiæ nobis suis abiectissimis creaturis communicat.
LAMINA
XV
II
III
IV
V
VI
VII
VIII
IX
X
Fig. I
II
III
IV
V
VI
Tuppiter
Terra

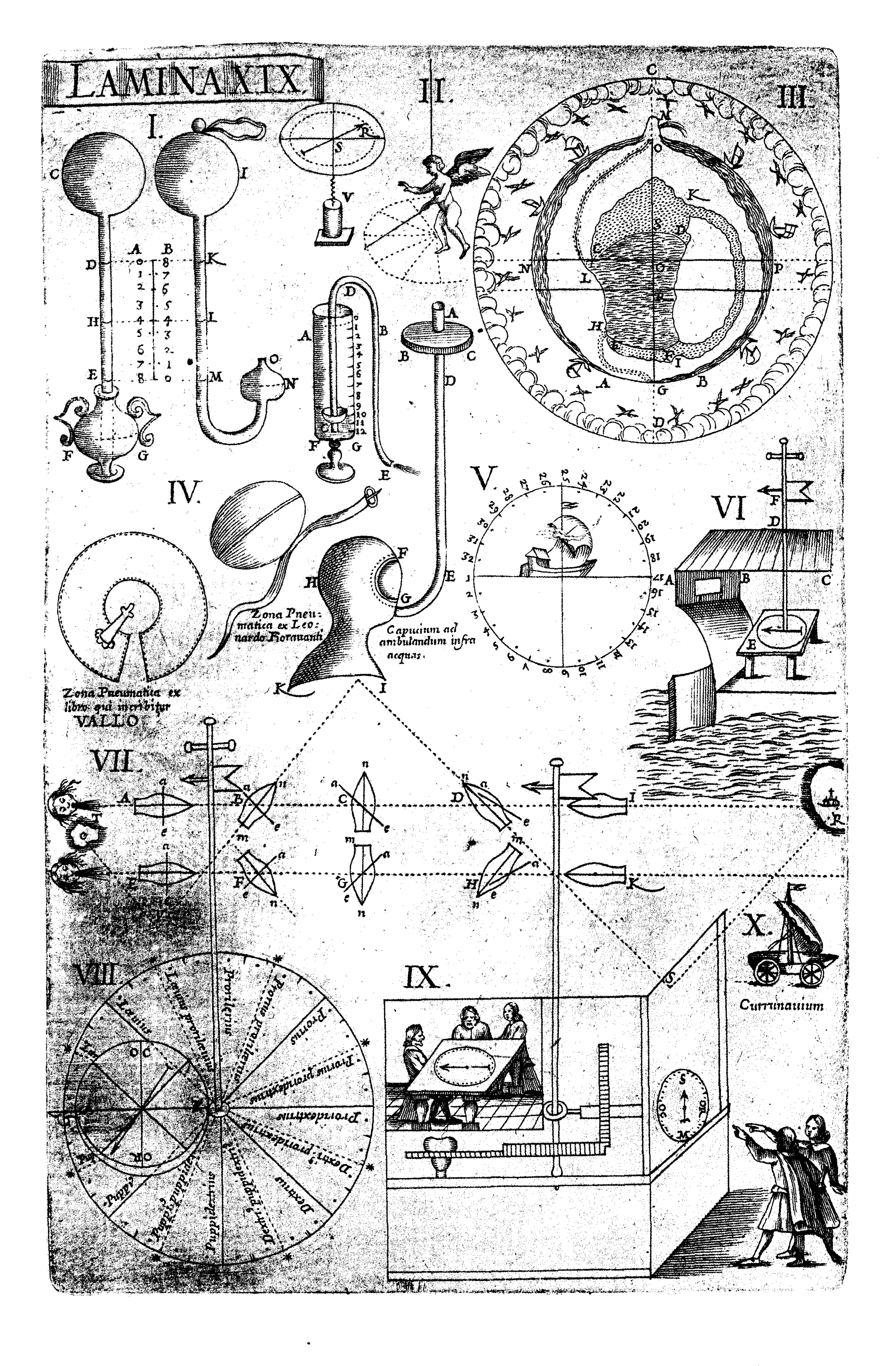


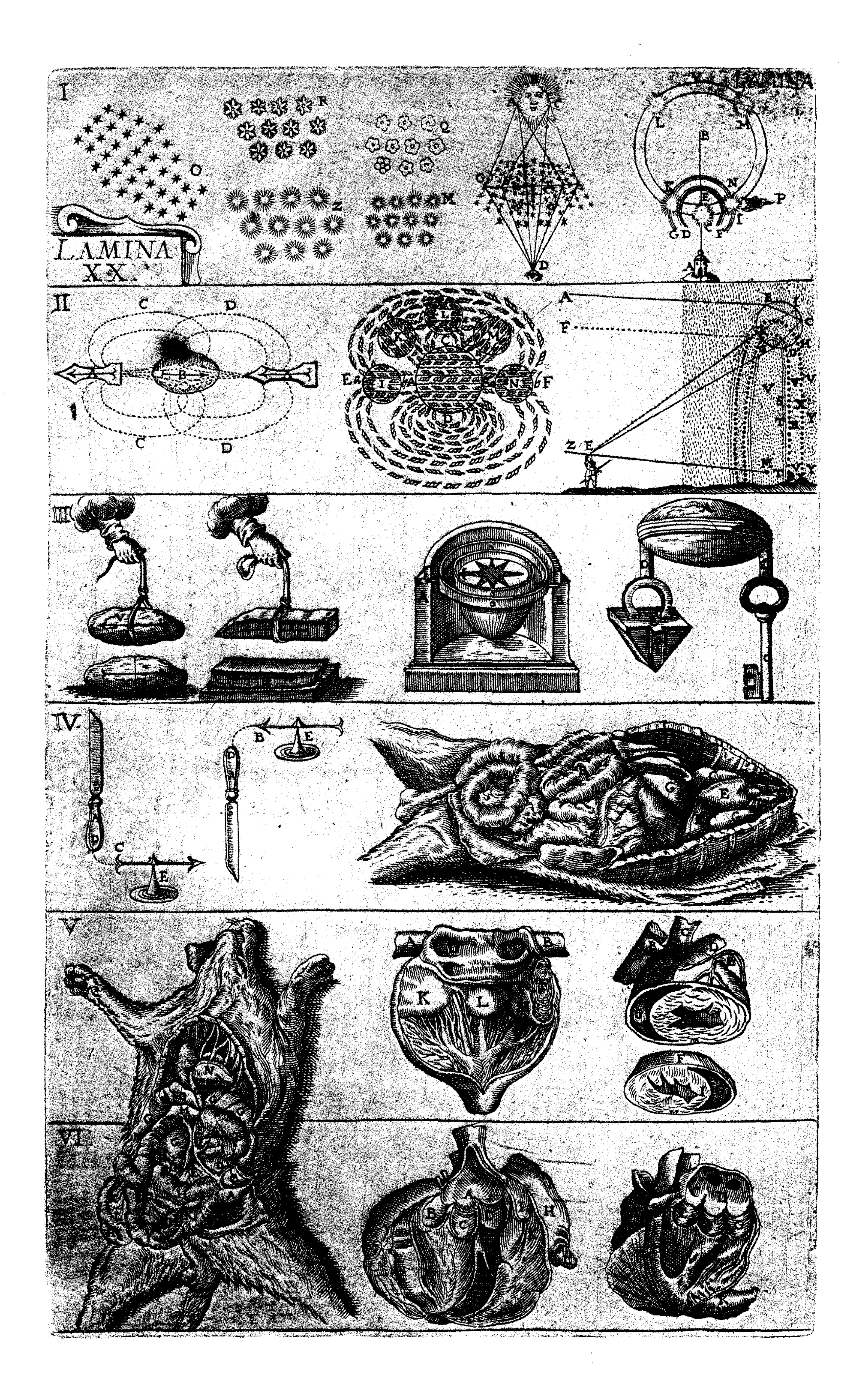
LAMINA XVI
QVAE EST TERTIA
GEODÆSIÆ
Superficies
Solidum
Cubus
Circulus
Globus
Punctum
Linea
Arcus
Chorda
Parallelæ
Angulus
Rectangolus
Æquiangolus
Isosceles
Scalenus
Pyramides
Quadratum
Parallelogram
Parall-obliquan-
Trapezium
Pentagon.
Hexagonus
Fig. II.
Fig. III a.
Fig. III b.
Vtrimq.
Fig. IV.
Fig. V.
Fig. VI.
Geodæticus Circinus
Fig. X.
Fig. VIII
Fig. VII
Fig. XI.
XII.
Terra an nulis
Fig. X. b.
Fig. XIII.

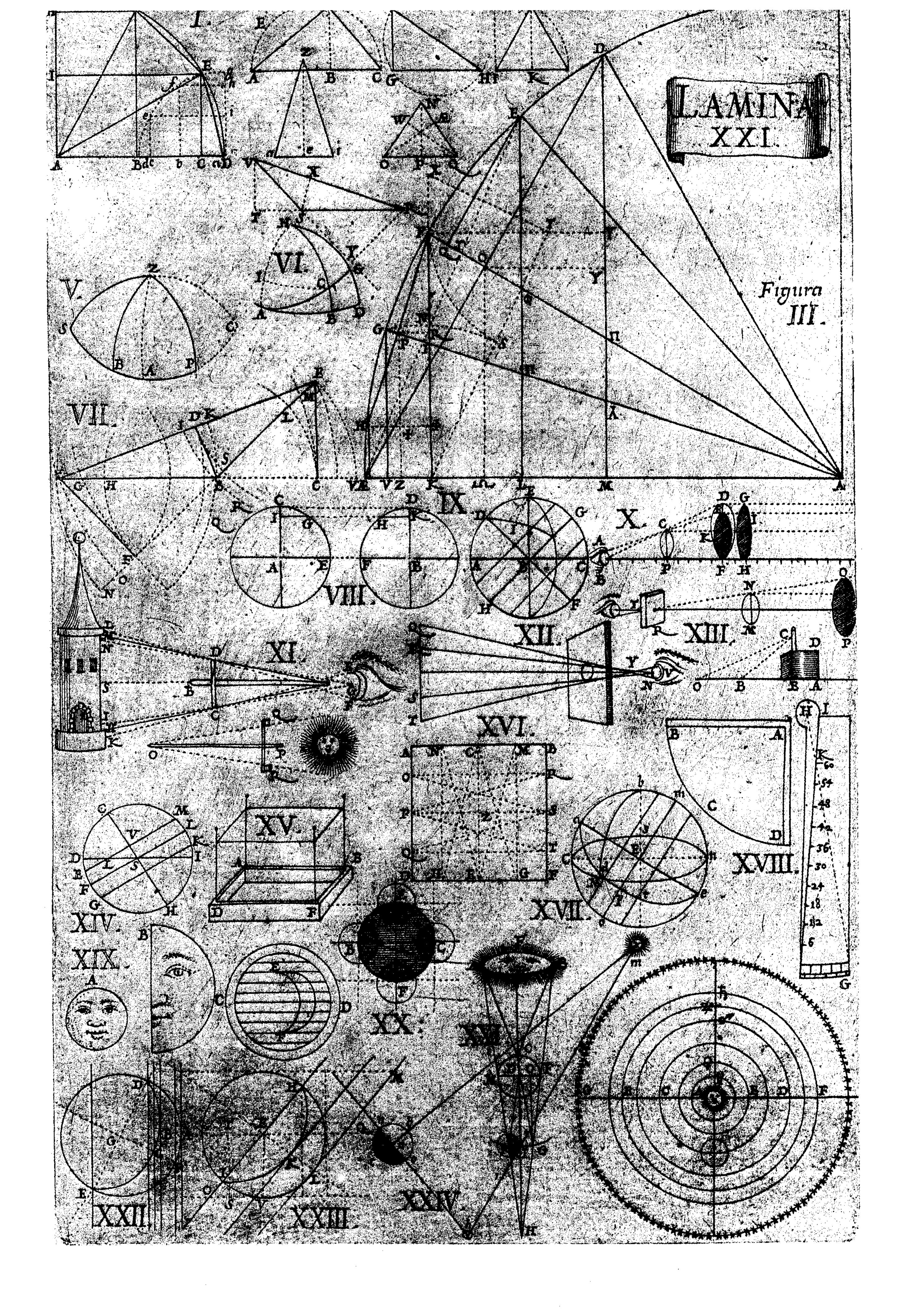

LAMINA XVII
Fig. I.
II.
III.
IV.
V.
VI.
VII.
VIII.
IX. a.
IX. b.
X.
Hor. 9. 57
Hor. 18
Oriens
Occidens
Septent.
XI.
XII.
XIII.
XIV.
XV.
XVI
Sept.
XVIII.
XIX.
XX.
OCC
OR
XXI.

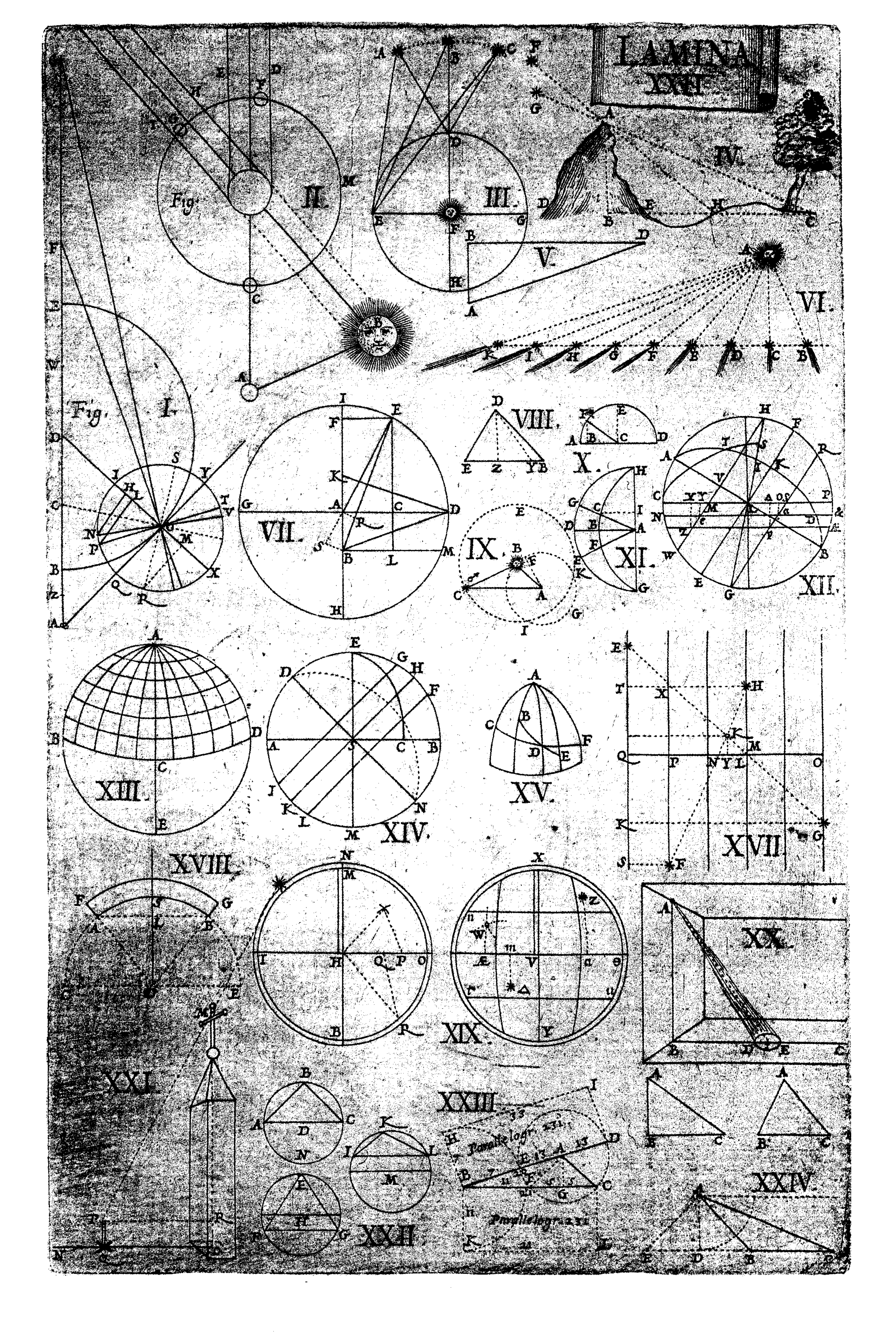


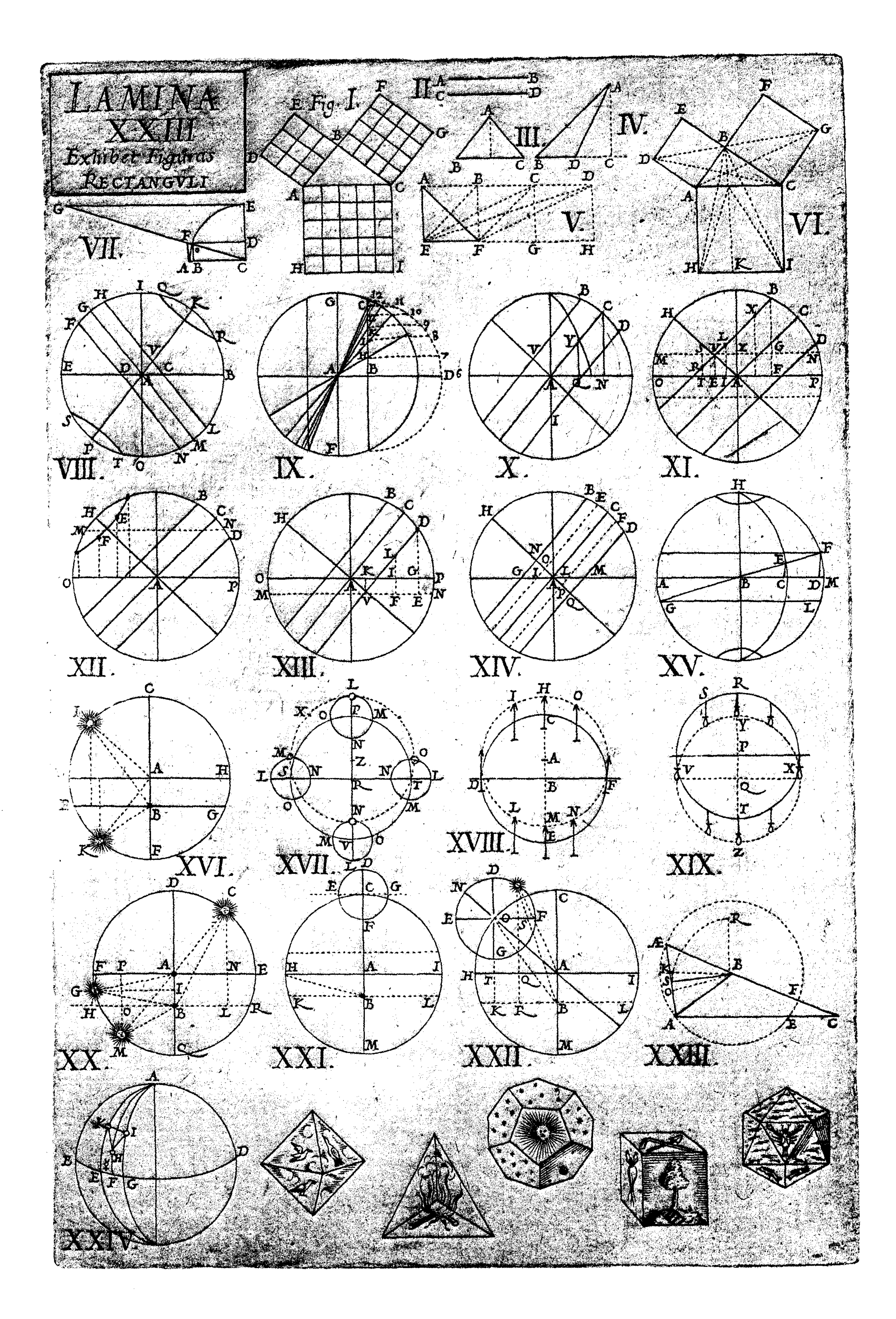
LAMINA XVIII
Fig. I
Vide lamina 38.

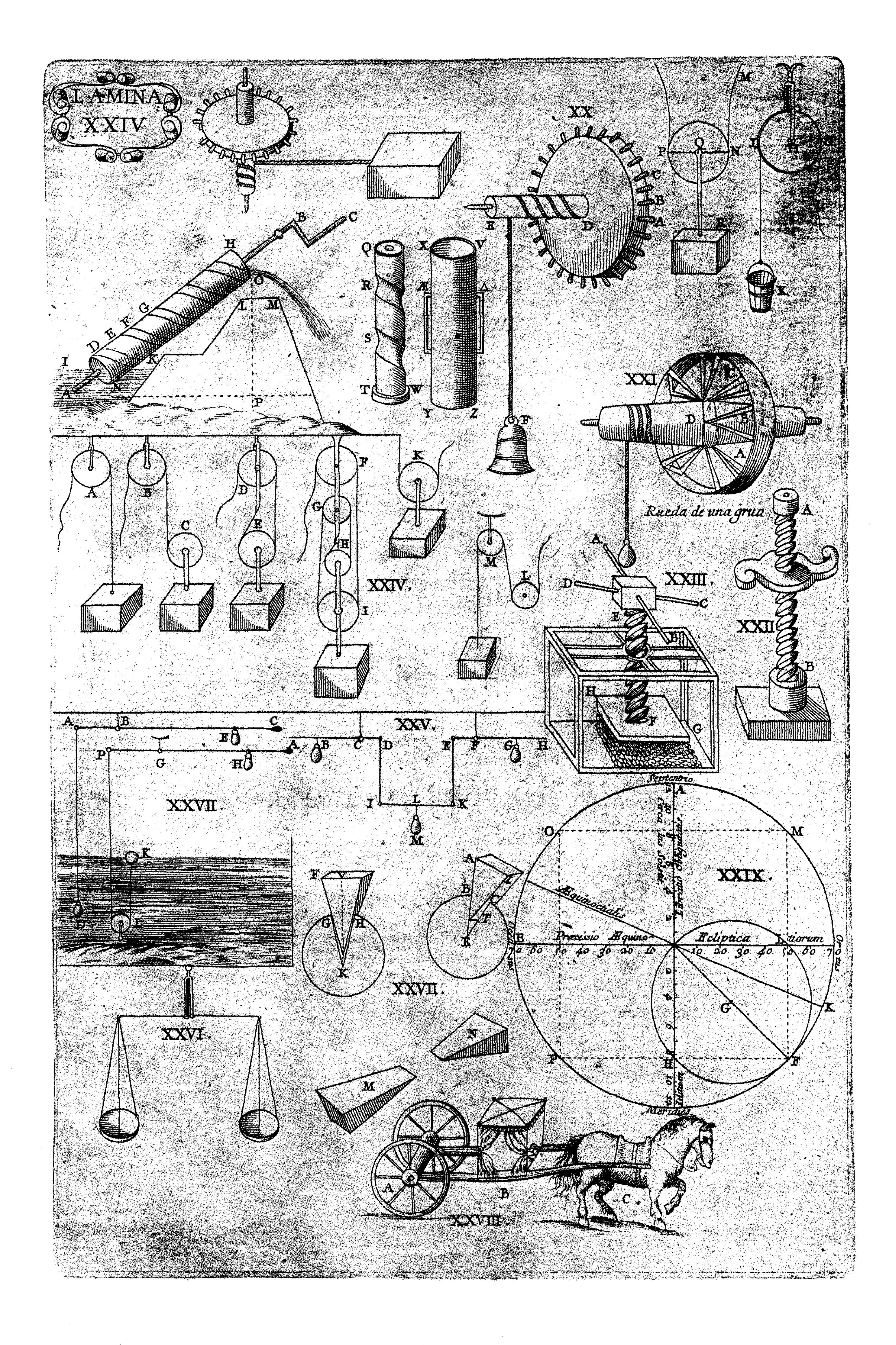

LAMINA XIX
I.
II.
III.
IV.
V
VI
VII.
VIII
IX.
X.
Zona Pneu:
matica ex Leo:
nardo Fioravanti
Capucium ad
ambulandum infra
aequas.
Zona Pneumatica ex
libro qui inscribitur
VALLO
Currunauium

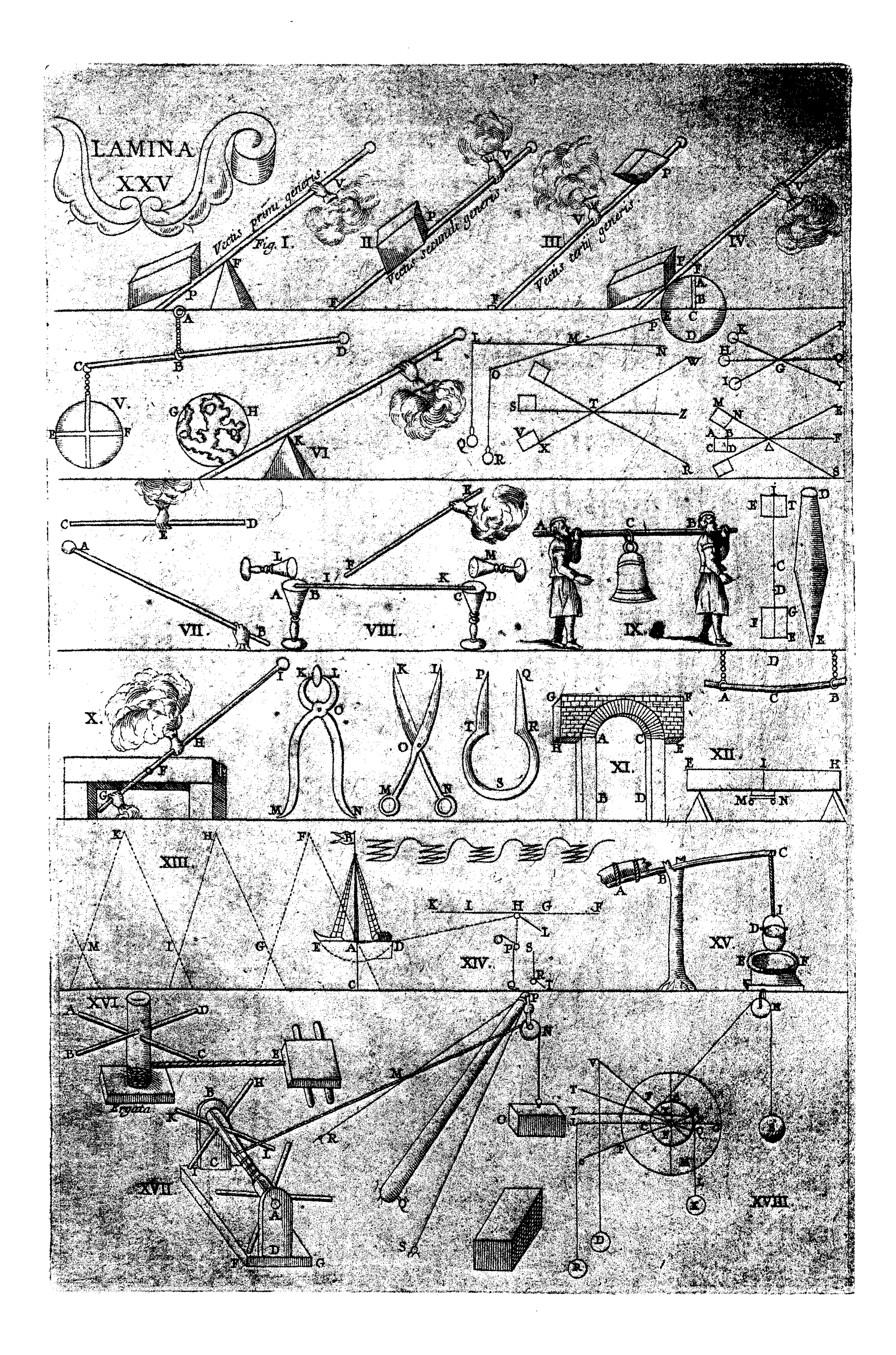

LAMINA
XX.
I
II
III
IV.
V
VI.

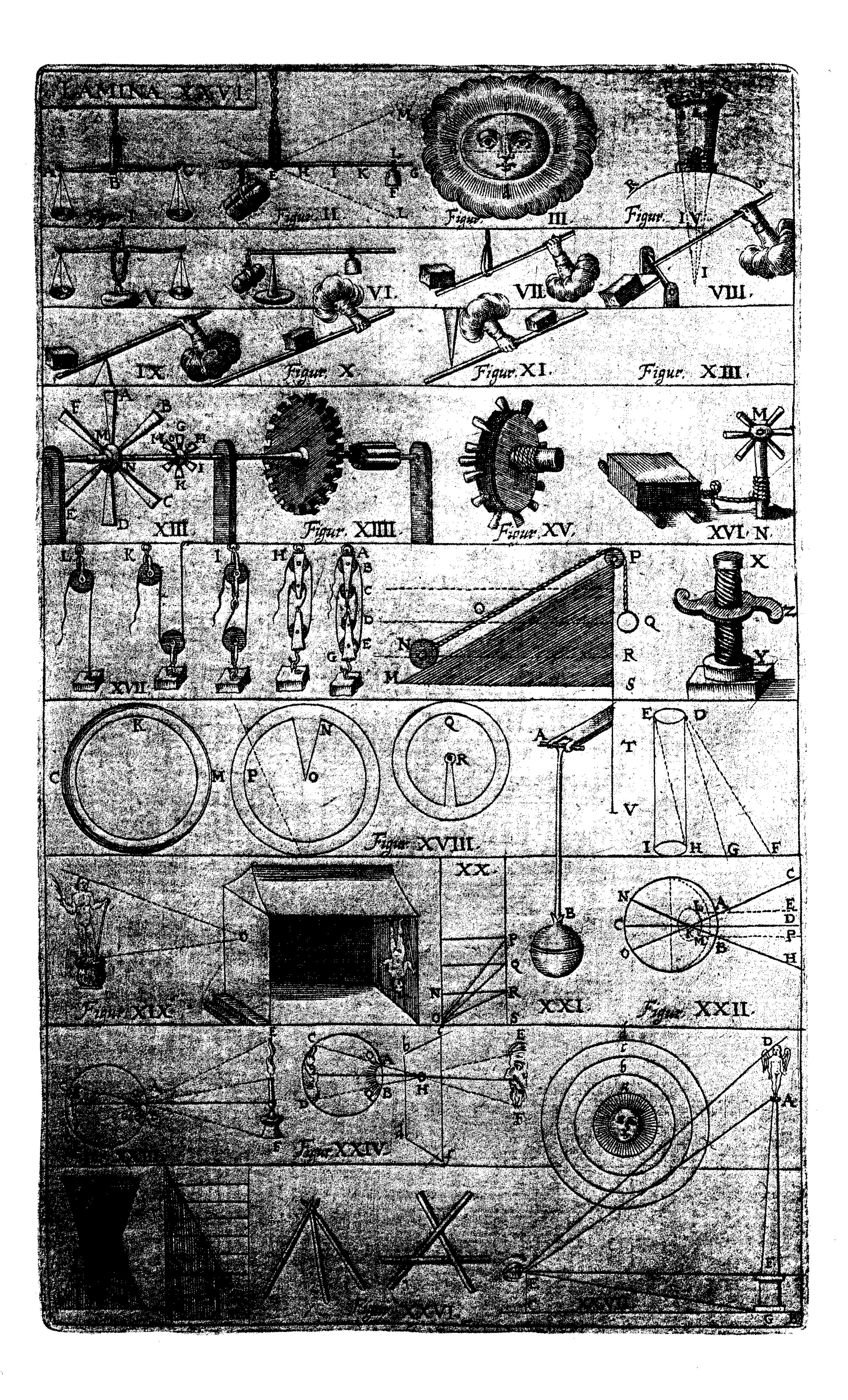

LAMINA
XXI.
Figura
III.
V.
VI.
VII.
VIII.
IX.
X.
XI.
XII.
XIII.
XIV.
XV.
XVI.
XVII.
XVIII.
XIX.
XX.
XXII.
XXIII.
XXIV.

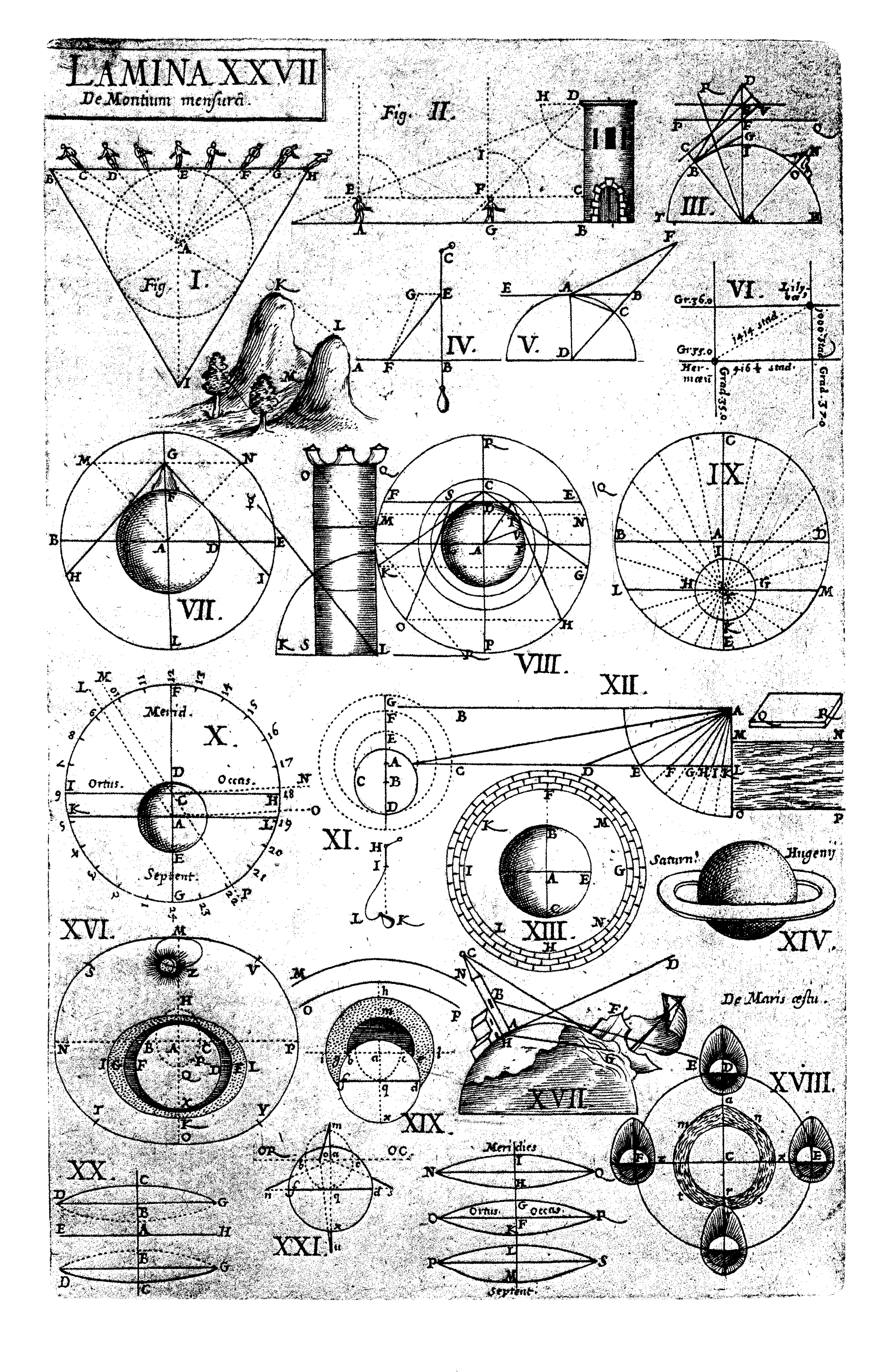

LAMINA
XXII
Fig. I.
Fig. II.
III.
IV.
V.
VI.
VII.
VIII.
IX.
X.
XI.
XII.
XIII.
XIV.
XV.
XVII.
XVIII.
XIX.
XX.
XXI.
XXII.
XXIII.
XXIV.

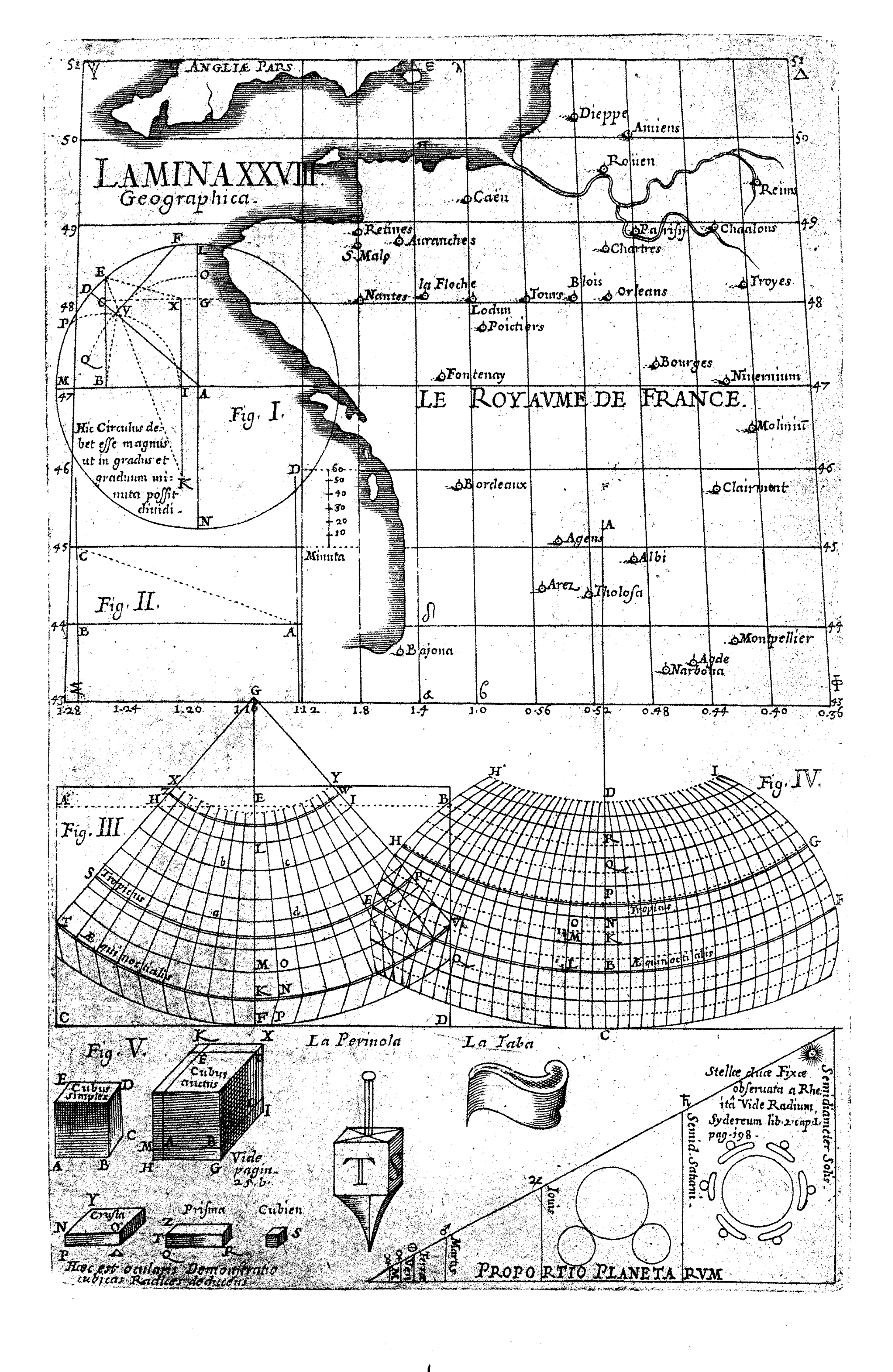

LAMINA XXIII
Exhibet Figuras
RECTANGVLI
Fig. I.
II
III.
IV.
V.
VI.
VII.
VIII.
IX.
X.
XI.
XII.
XIII.
XIV.
XV.
XVI.
XVII.
XVIII.
XIX.
XX.
XXI.
XXII.
XXIII.
XXIV.


LAMINA
XXIV
XX
XXI
Rueda de una grua
XXII
XXIII
XXIV.
XXV.
XXVII.
XXVI.
XXVII.
XXIX.
Septentrio
Æquinoctialis
Precisio Æquino
Ecliptica
Meridies
XXVIII

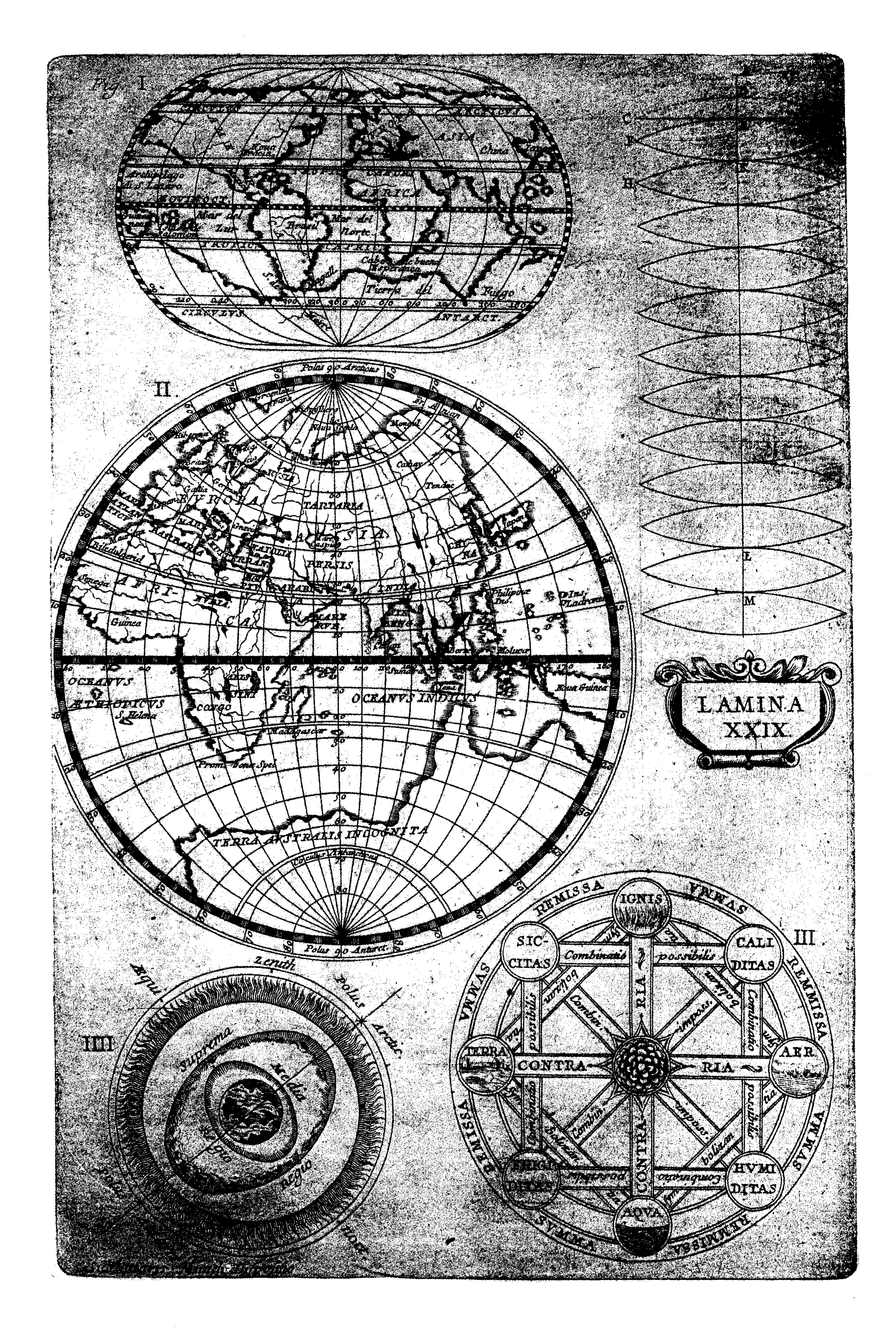

LAMINA XXV
Vectis primi generis
Fig. I.
II
Vectis secundi generis
III
Vectis tertij generis
IV.
V.
VI
VII.
VIII.
IX.
X.
XI.
XII.
XIII.
XIV.
XV.
XVI.
XVII
XVIII

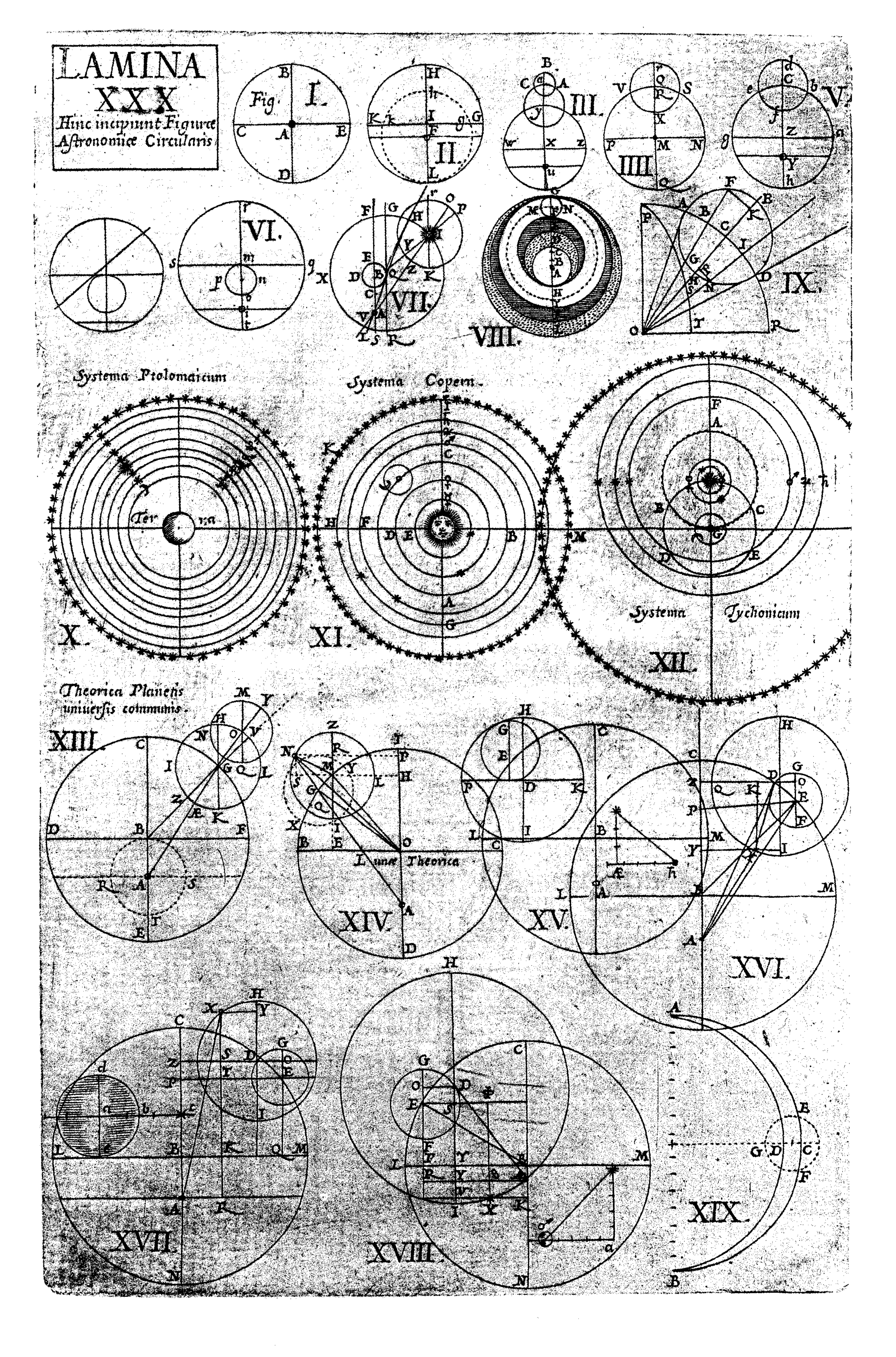

LAMINA XXVI
Figur. I.
Figur. II.
Figur. III.
Figur. IV.
V
VI.
VII.
VIII.
IX.
Figur. X
Figur. XI.
Figur. XIII.
XIII.
Figur. XIIII.
Figur. XV.
XVI.
XVII.
Figur. XVIII.
XX.
Figur. XIX.
XXI.
Figur. XXII.
Figur. XXIV.
Figur. XXVI.


LAMINA XXVII
De Montium mensura.
Fig. I.
Fig. II.
III.
IV.
V.
VI.
VII.
VIII.
IX
X.
Merid.
Ortus.
Occas.
Septent.
XI.
XII.
XIII.
Saturn.
Hugenij
XIV.
XVI.
De Maris æstu.
XVII.
XVIII.
XIX.
XX.
XXI.
Meridies
Ortus.
Occas.
Septent.

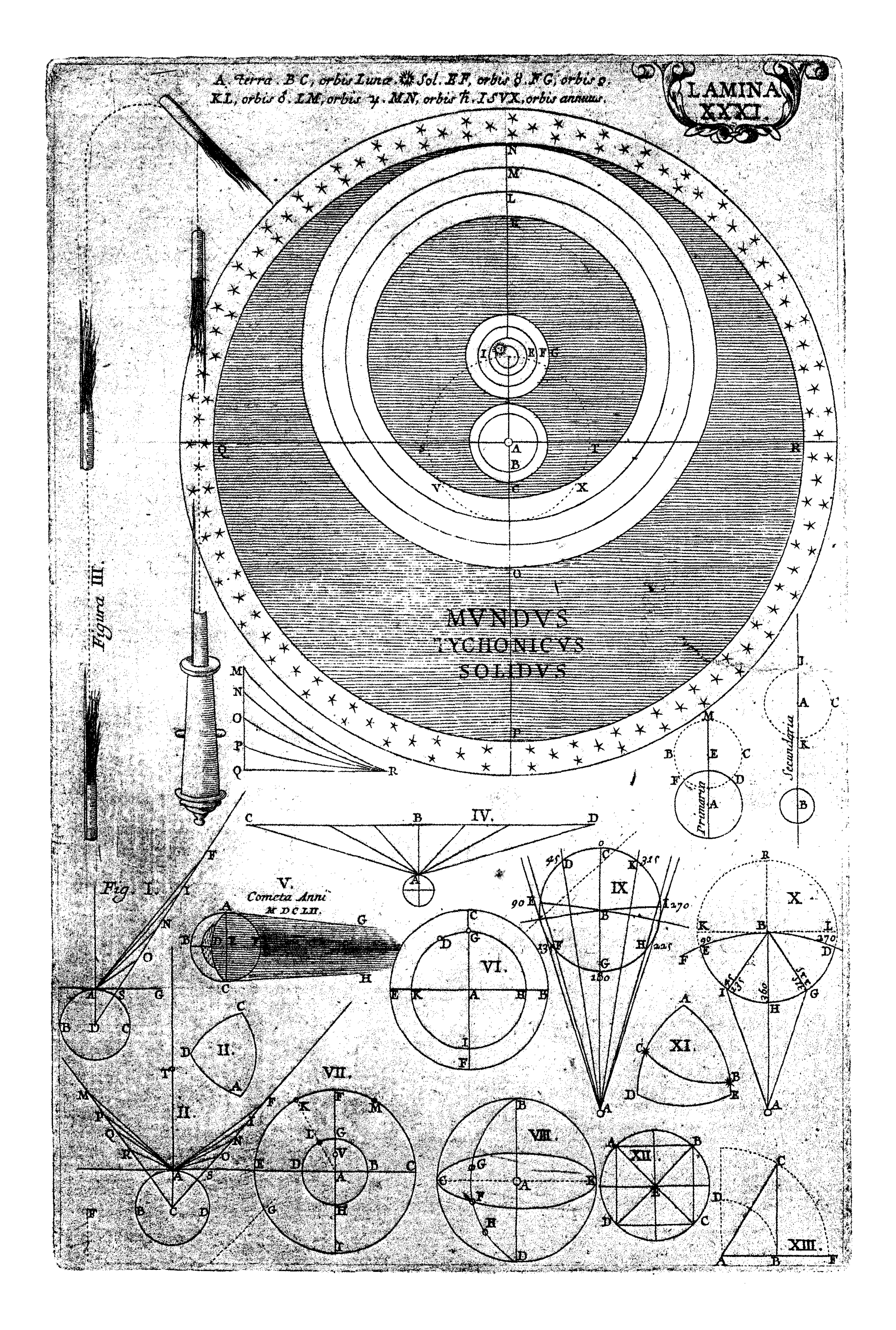


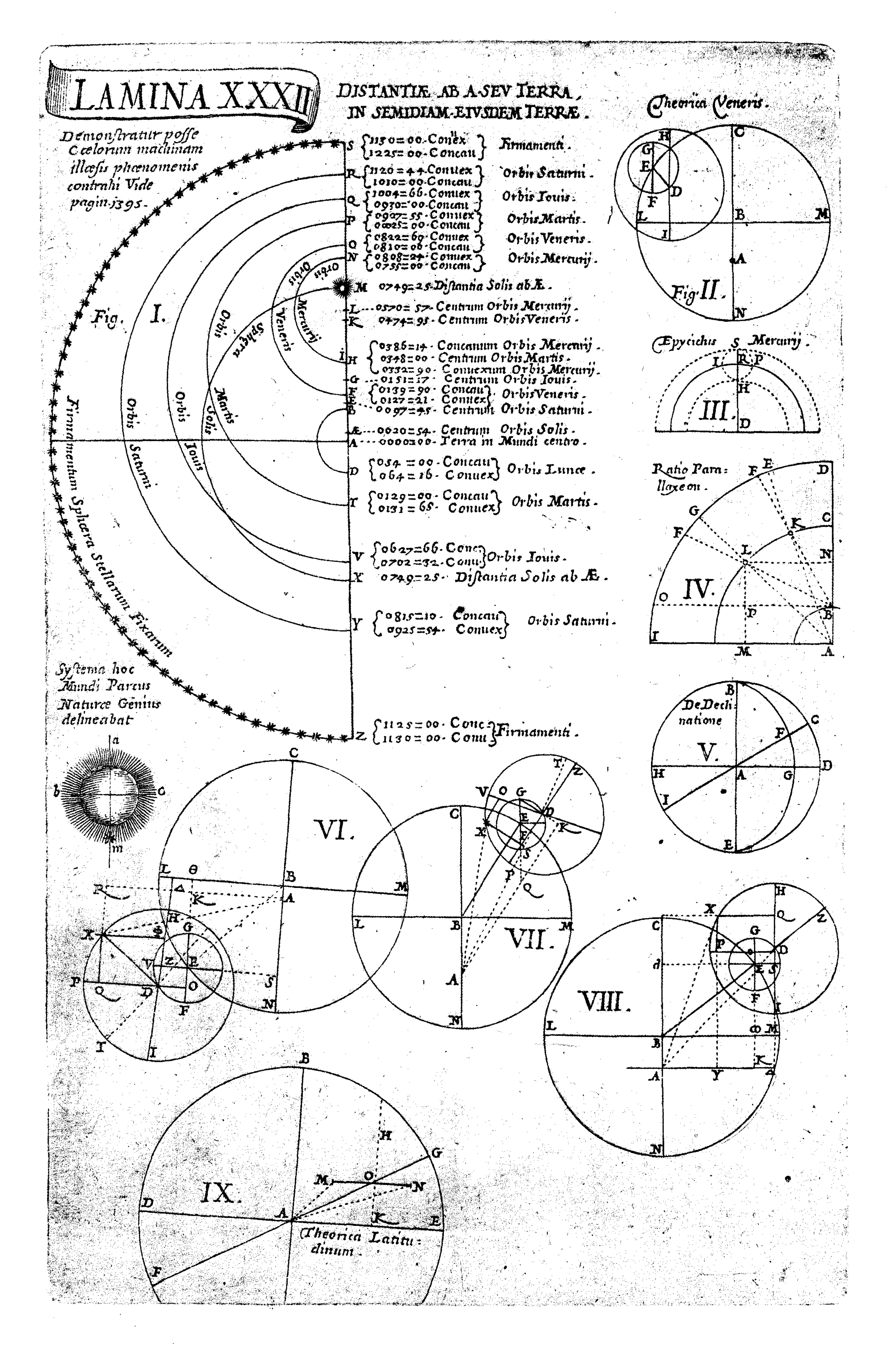
ANGLIÆ PARS
LAMINA XXVIII
Geographica
Dieppe
Amiens
Rouen
Reims
Caën
Pariſij
Chaalons
Retines
Auranches
S. Malo
Chartres
la Fleche
Blois
Orleans
Troyes
Nantes
Tours
Lodun
Poictiers
Bourges
Fontenay
Niuernum
LE ROYAUME DE FRANCE.
Molinii
Fig. I.
Hic Circulus debet eſſe magnus ut in gradus et gradum minuta poſſit diuidi
Bordeaux
Clairmont
Minuta
Agens
Albi
Arez
Tholoſa
Fig. II.
Montpellier
Bajona
Agde
Narbona
Fig. III
Tropicus
Æquinoctialis
Fig. IV.
Tropicus
Æquinoctialis
Fig. V.
Cubus simplex
Cubus auctus
Vide pagin. 25. b.
Crusta
Prisma
Cubien
Hæc est ocularis Demonstratio cubicas Radices deducens
La Perinola
La Taba
Stellæ duæ Fixæ obseruata a Rheita Vide Radium Sydereum lib. 2. cap. 1. pag. 198.
Semidiameter Solis
Semid. Saturni
Iouis
Martis
Terra
Ven.
PROPORTIO PLANETARUM

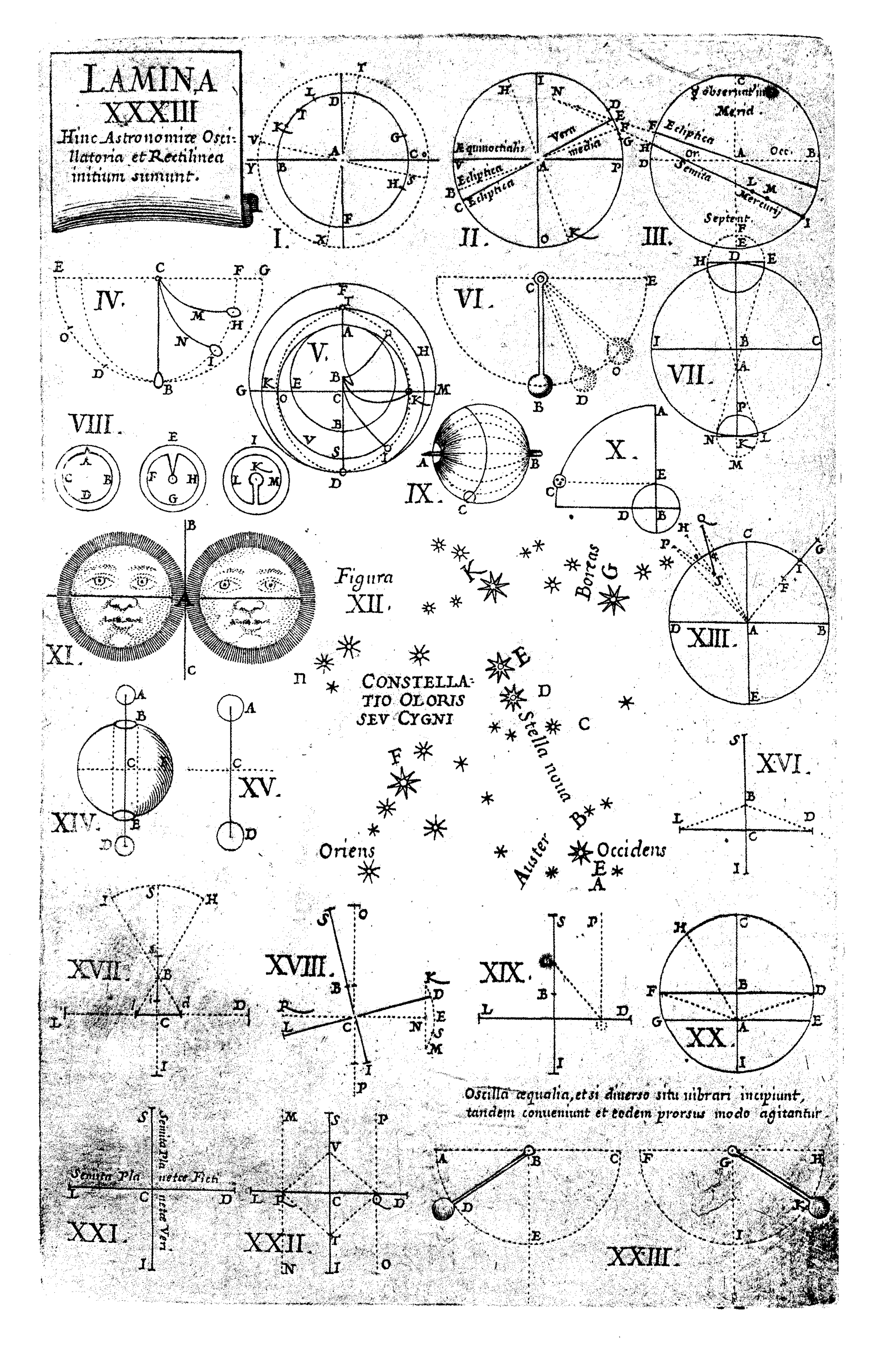

Fig. I
II.
III
IIII
LAMINA
XXIX.
ASIA
AFRICA
Mar del Zur
Mar del Norte
Tierra del Fuego
Polus 90 Arcticus
Polus 90 Antarct.
EUROPA
TARTARIA
ASIA
PERSIS
INDIA
AFRI-
CA
OCEANUS ÆTHIOPICUS
OCEANUS INDICUS
Madagascar
Prom. Bonæ Spei
TERRA AUSTRALIS INCOGNITA
Zenith
Polus
Arctic.
suprema
media
regio
IGNIS
SIC-CITAS
CALI DITAS
TERRA
AER
FRIGI DITAS
HUMI DITAS
AQUA
CONTRA-
RIA
CONTRA-
RIA
Combinatio possibilis
REMISSA
UNNAS
REMMISSA
SUMMA

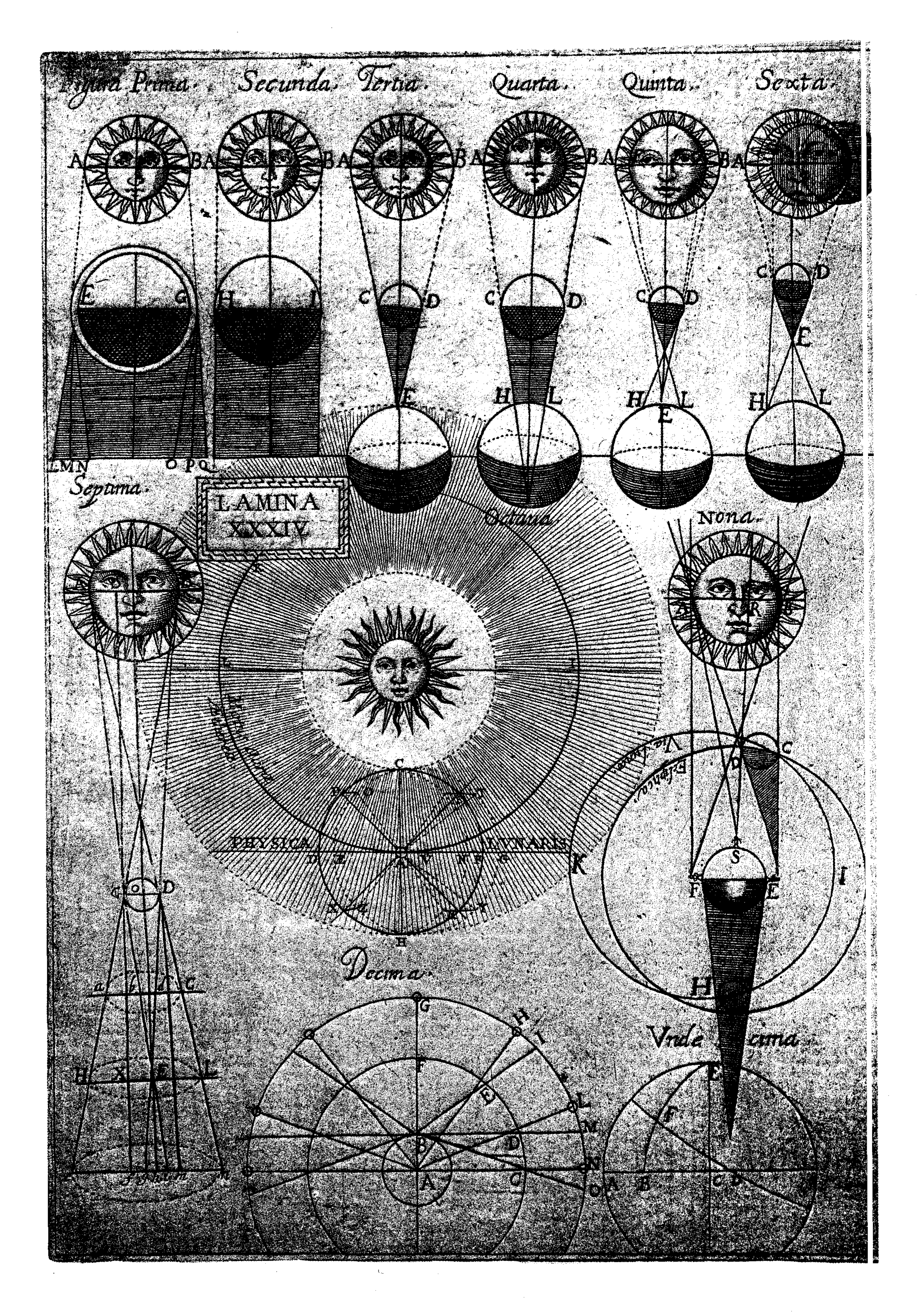


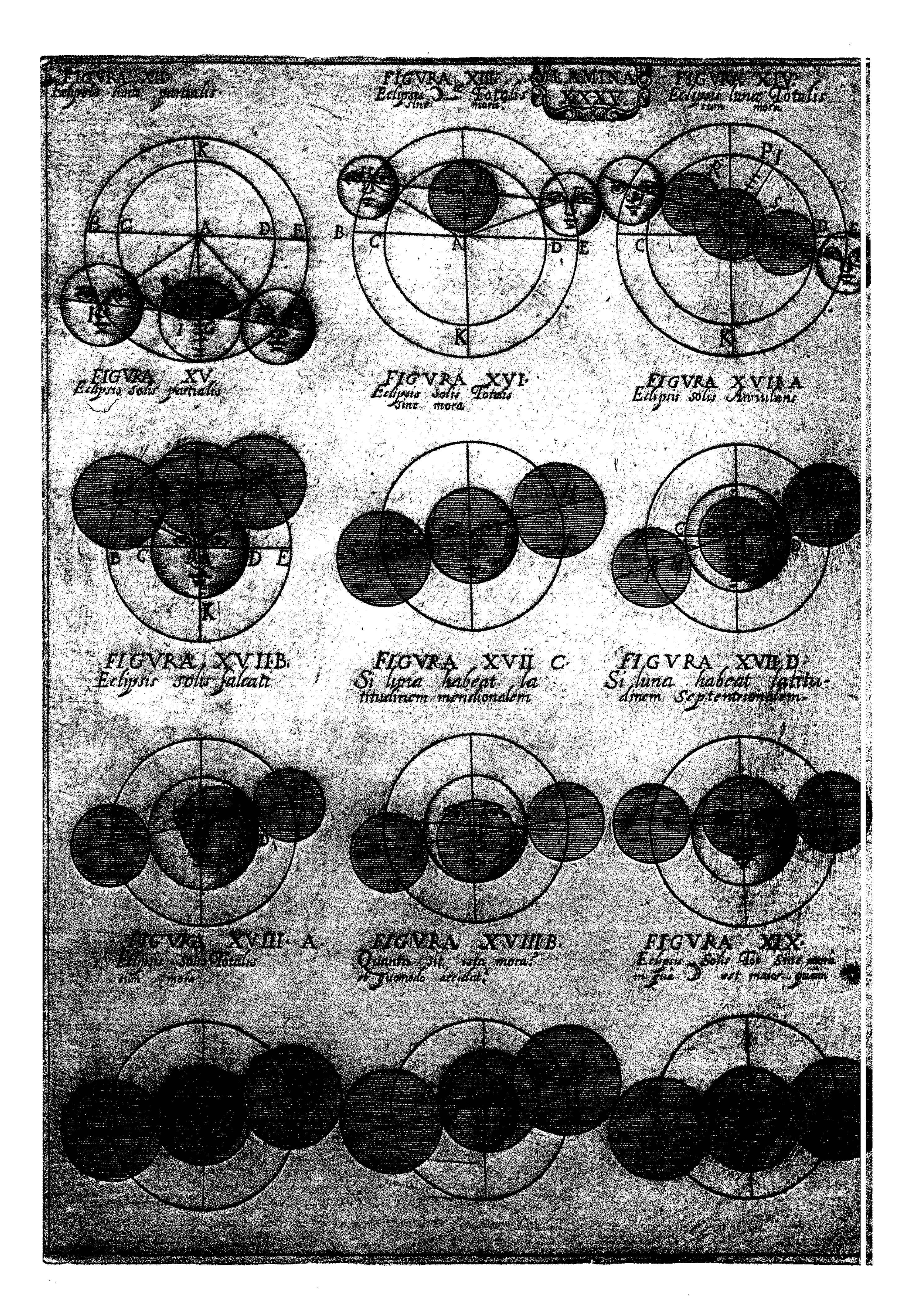
LAMINA
XXX
Hinc incipiunt Figuræ
Astronomicæ Circularis
Systema Ptolomaicum
Systema Copern.
Systema Tychonicum
Theorica Planetis
universis communis
Lunæ Theorica


A. terra. B C, orbis Lunæ. Sol. EF, orbis ☿. FG, orbis ♀.
KL, orbis ♂. LM, orbis ♃. MN, orbis ♄. ISVX, orbis annuus.
LAMINA XXXI.
MVNDVS
TYCHONICVS
SOLIDVS
Figura III.
Fig. I.
II.
IV.
V.
Cometa Anni MDCLII.
VI.
VII.
VIII.
IX
X.
XI.
XII.
XIII.
Primaria
Secundaria

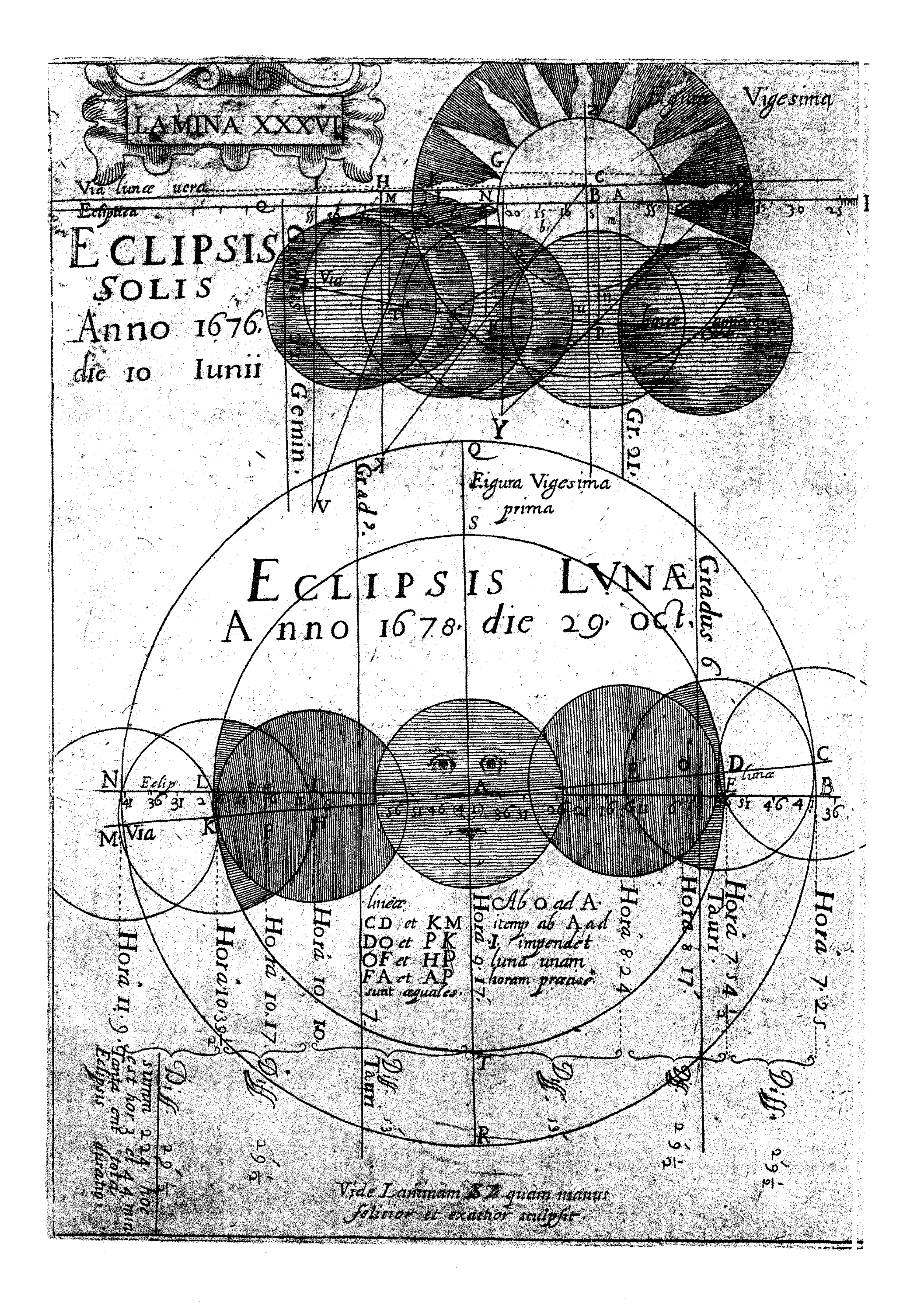

LAMINA XXXII
DISTANTIÆ AB A SEV TERRA, IN SEMIDIAM. EIVSDEM TERRÆ.
Demonstratur posse Cœlorum machinam illæsis phœnomenis contrahi Vide pagin. 1395.
S {1130=00. Conex / 1225=00. Concau} Firmamenti.
R {1120=44. Conuex / 1010=00. Concau} Orbis Saturni.
Q {1004=66. Conuex / 0930=00. Concau} Orbis Iouis.
P {0927=55. Conuex / 0025=00. Concau} Orbis Martis.
O {0822=69. Conuex / 0810=06. Concau} Orbis Veneris.
N {0808=24. Conuex / 0755=00. Concau} Orbis Mercurij.
M 0749=25. Distantia Solis ab Æ.
L 0570=57. Centrum Orbis Mercurij.
K 0474=95. Centrum Orbis Veneris.
H {0386=14. Concauum Orbis Mercurij. / 0348=00. Centrum Orbis Martis. / 0332=90. Conuexum Orbis Mercurij.}
G 0151=17. Centrum Orbis Iouis.
F E {0139=90. Concau / 0127=21. Conuex} Orbis Veneris.
B 0097=45. Centrum Orbis Saturni.
Æ 0020=54. Centrum Orbis Solis.
A 0000=00. Terra in Mundi centro.
D {054=00. Concau / 064=16. Conuex} Orbis Lunæ.
T {0129=00. Concau / 0131=65. Conuex} Orbis Martis.
V {0627=66. Conc. / 0702=32. Conu.} Orbis Iouis.
X 0749=25. Distantia Solis ab Æ.
Y {0815=10. Concau / 0925=54. Conuex} Orbis Saturni.
Z {1125=00. Conc. / 1130=00. Conu.} Firmamenti.
Fig. I.
Orbis Saturni
Orbis Iouis
Orbis Martis
Sphæra Solis
Orbis Veneris
Orbis Mercurij
Firmamentum Sphæra Stellarum Fixarum
Systema hoc Mundi Parcus Naturæ Genius delineabat
Theorica Veneris.
Fig. II.
Epycichus Mercurij.
III.
Ratio Parallaxeon.
IV.
De Declinatione
V.
VI.
VII.
VIII.
IX.
Theorica Latitudinum


LAMINA
XXXIII
Hinc Astronomiæ Oscillatoria et Rectilinea initium sumunt.
Æquinoctialis
Ecliptica
Vern
media
Ecliptica
Semita
Mercurij
♀ observat' in Merid.
Septent.
Figura XII.
Boreas
CONSTELLATIO OLORIS SEV CYGNI
Stella nova
Oriens
Auster
Occidens
Semita Planetæ Fictæ
Semita Planetæ Veri
Oscilla æqualia, etsi diverso situ vibrari incipiunt, tandem conveniunt et eodem prorsus modo agitantur.

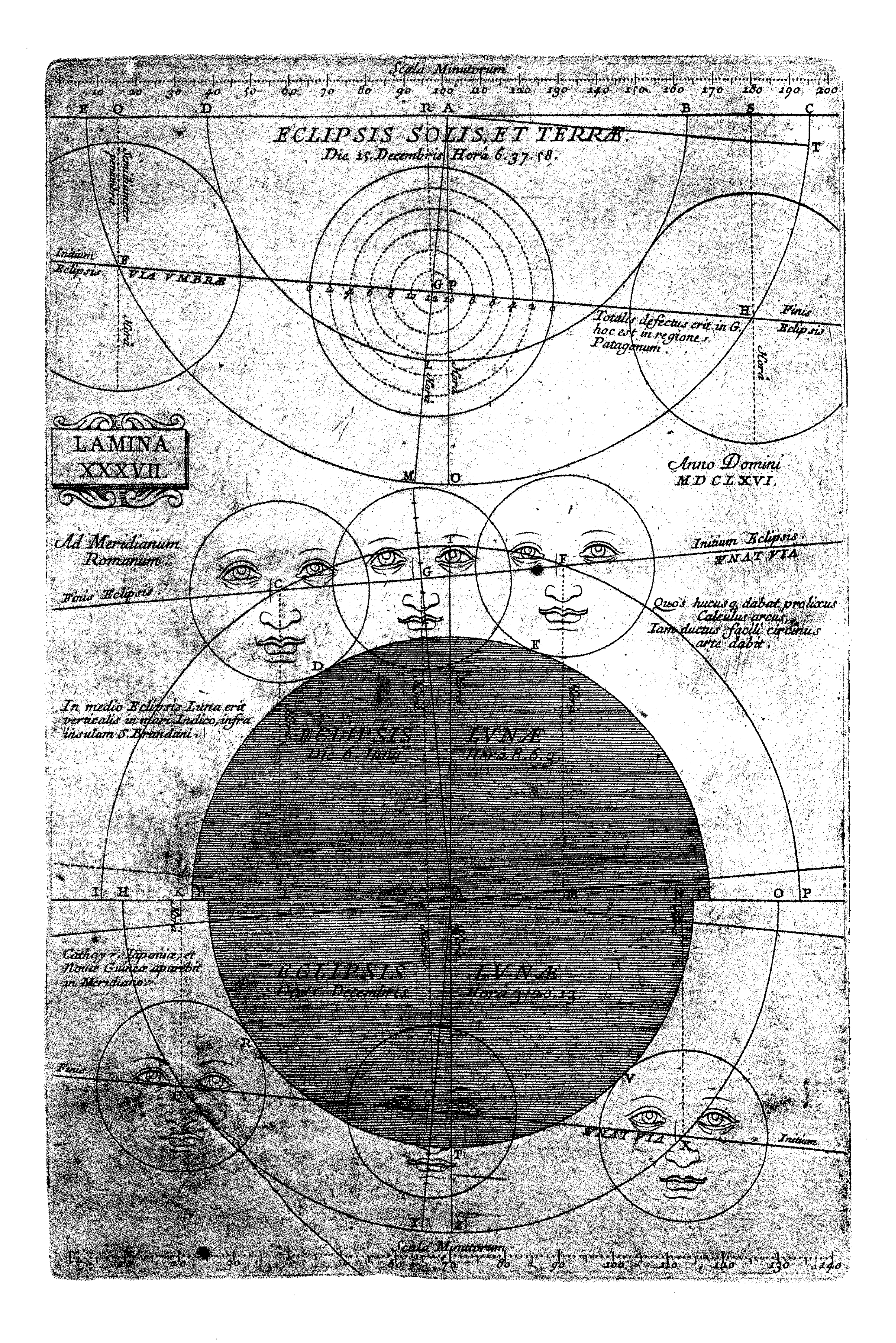

Figura Prima
Secunda
Tertia
Quarta
Quinta
Sexta
Septima
LAMINA
XXXIV
Octava
Nona
PHYSICA
LVNARIS
Decima
Vnde cima



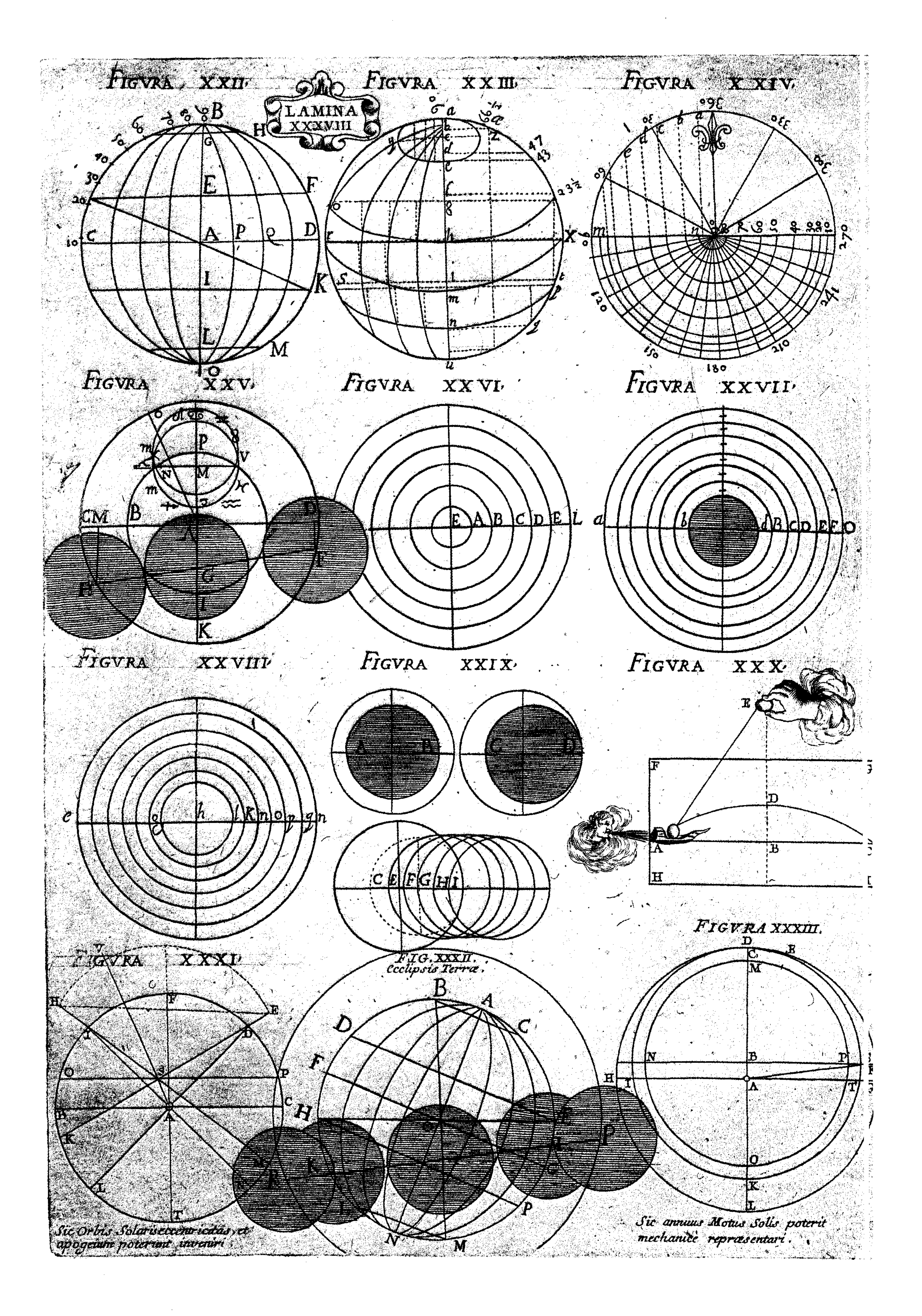
LAMINA XXXV
FIGVRA XII
Eclipsis lunæ partialis
FIGVRA XIII
Eclipsis ☾ Totalis sine mora
FIGVRA XIV
Eclipsis lunæ Totalis cum mora
K
B
C
A
D
E
FIGVRA XV
Eclipsis solis partialis
FIGVRA XVI
Eclipsis Solis Totalis sine mora
FIGVRA XVII A
Eclipsis solis Annularis
FIGVRA XVII B
Eclipsis solis falcati
FIGVRA XVII C
Si luna habeat latitudinem meridionalem
FIGVRA XVII D
Si luna habeat latitudinem Septentrionalem
FIGVRA XVIII A
Eclipsis Solis Totalis cum mora
FIGVRA XVIII B
Quanta sit ista mora?
et quomodo accidat?
FIGVRA XIX
Eclipsis Solis Tot. Sine mora
in qua ☽ est maior quam

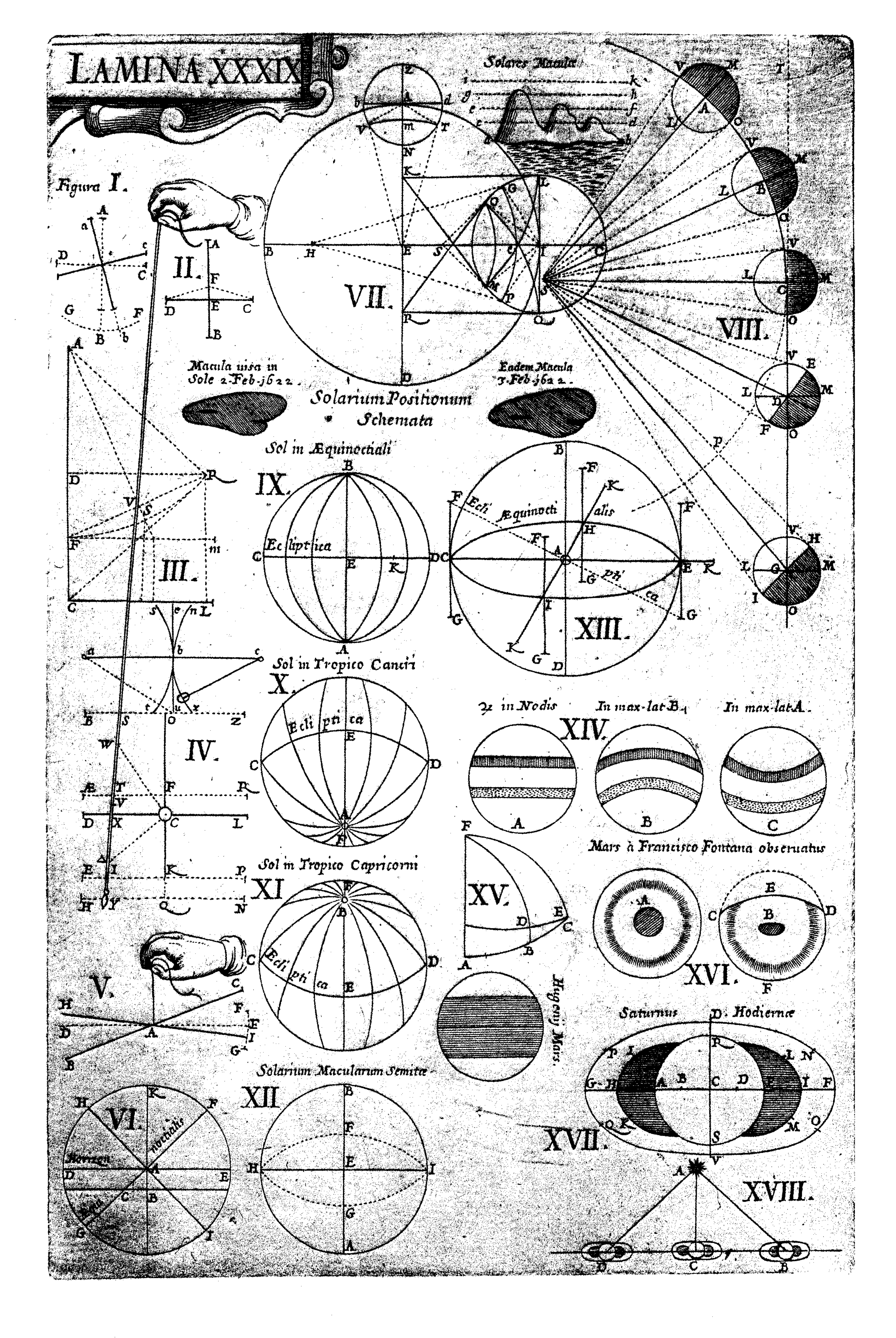


LAMINA XXXVI
Figura Vigesima
Via lunæ vera
Ecliptica
ECLIPSIS SOLIS
Anno 1676. die 10 Iunii
Gemin.
Grad 9.
Gr. 21.
Figura Vigesima prima
ECLIPSIS LUNÆ
Anno 1678. die 29. oct.
Gradus 6
Eclip
Via
luna
lineæ CD et KM DO et PK OF et HP FA et AP sunt æquales.
Ab O ad A item ab A ad I. impendet luna unam horam præcise.
Hora 11. 9
Hora 10.39
Hora 10. 17
Hora 10. 10
Hora 9. 17
Hora 8. 24
Hora 8. 17
Hora 7. 54 Tauri
Hora 7. 25
Diff.
summa 224 hor est hor 3 et 44 min tota erit tota Eclipsis duratio.
Vide Laminam 32 quam manus felicior et exactior sculpsit.

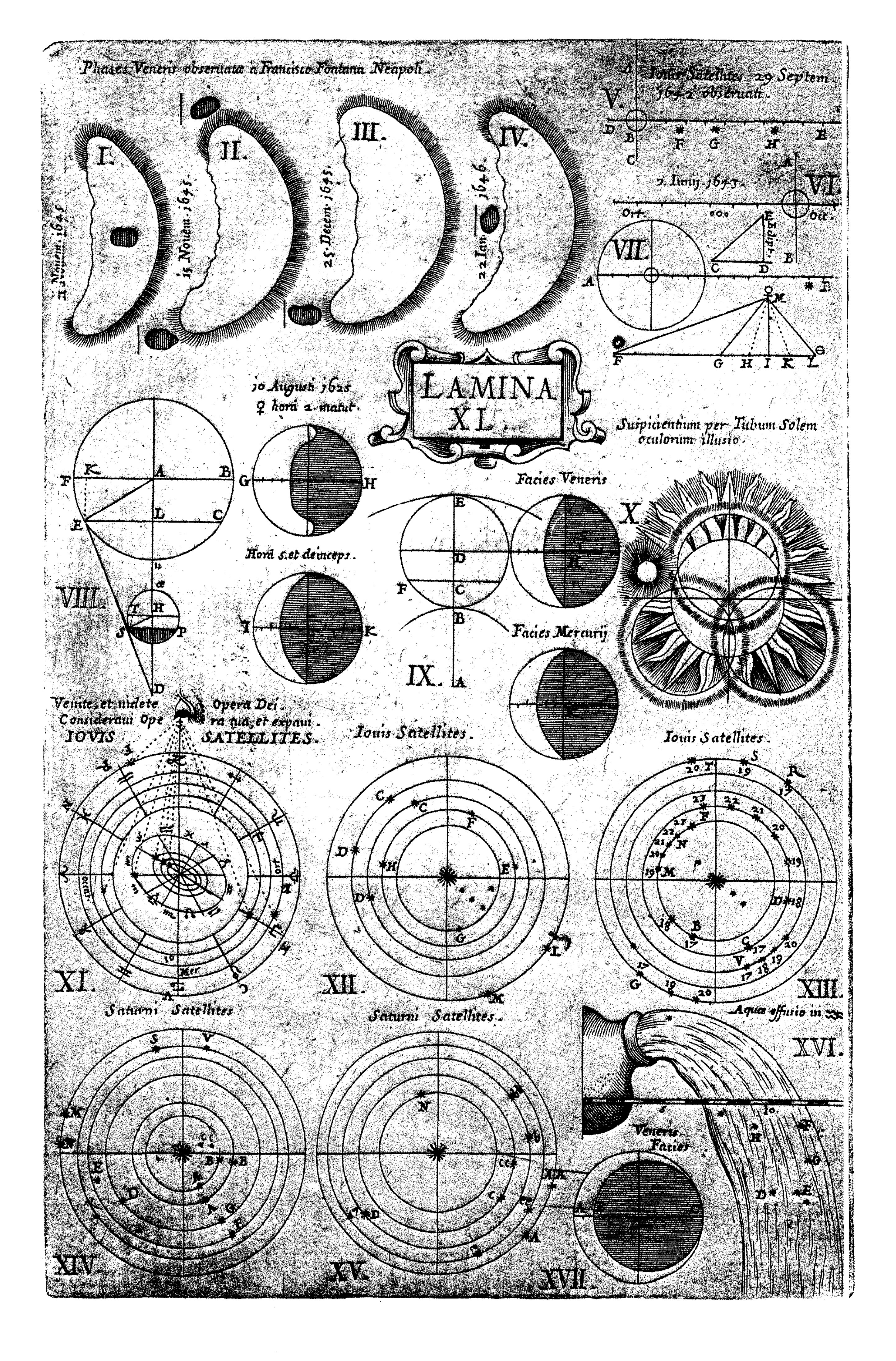


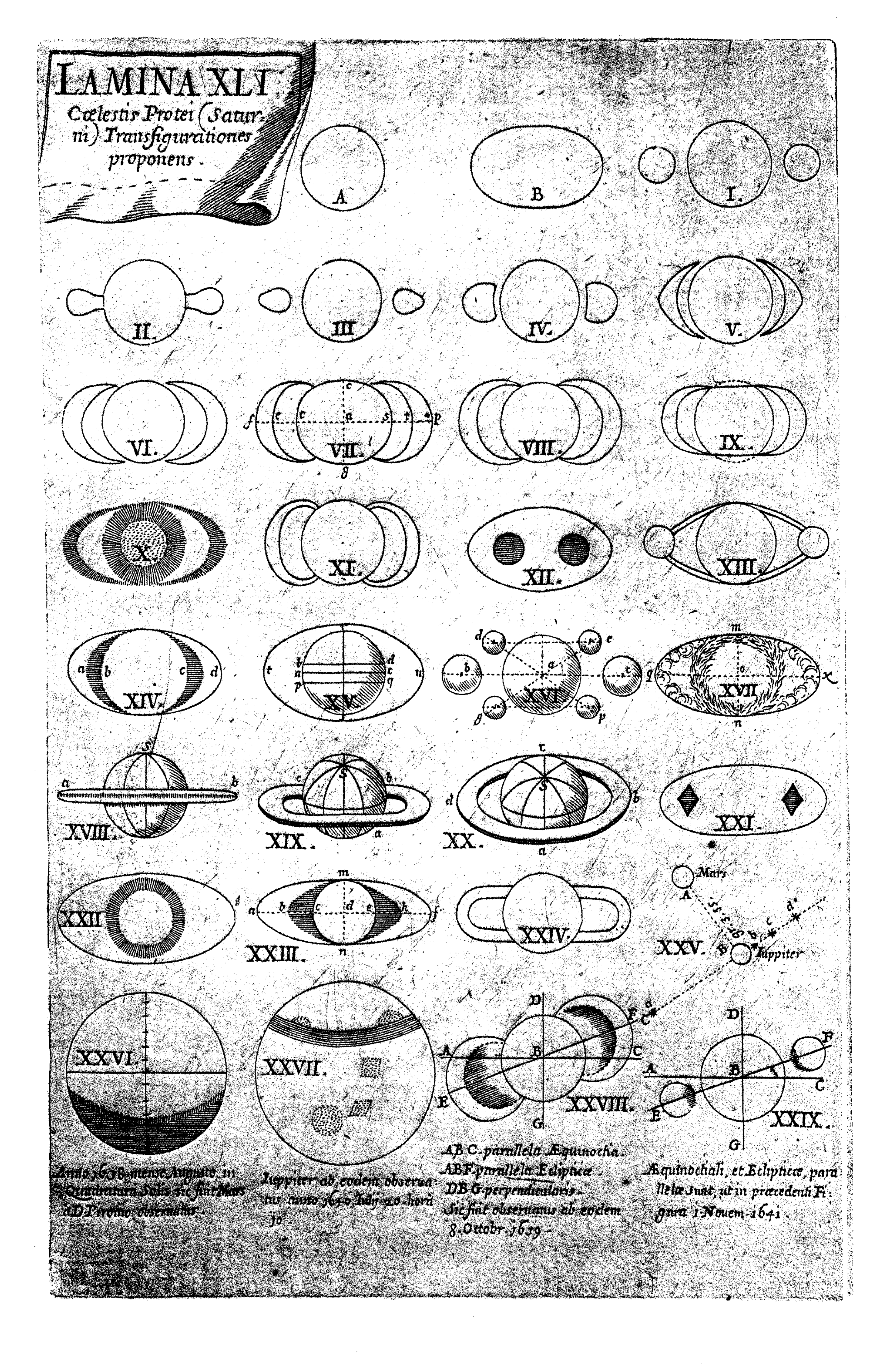
Scala Minutorum
ECLIPSIS SOLIS, ET TERRÆ.
Die 15. Decembris Horâ 6.37.58.
Initium Eclipsis
VIA UMBRÆ
Totalis defectus erit in G. hoc est in regione Patagonum.
Finis Eclipsis
LAMINA XXXVII.
Anno Domini MDCLXVI.
Ad Meridianum Romanum.
Initium Eclipsis
Finis Eclipsis
Quos hucusq dabat prolixus Calculus arcus, Iam ductus facili circinus arte dabit.
In medio Eclipsis Luna erit verticalis in mari Indico, infra insulam S. Brandani.
ECLIPSIS LUNÆ
ECLIPSIS LUNÆ
Finis
Initium
Scala Minutorum


LAMINA XXXVIII
FIGURA XXII
FIGURA XXIII
FIGURA XXIV
FIGURA XXV
FIGURA XXVI
FIGURA XXVII
FIGURA XXVIII
FIGURA XXIX
FIGURA XXX
FIGURA XXXI
FIG. XXXII. Ecclipsis Terræ.
FIGURA XXXIII.
Sic Orbis Solaris eccentricitas, et apogeum poterunt inveniri
Sic annuus Motus Solis poterit mechanice repræsentari.

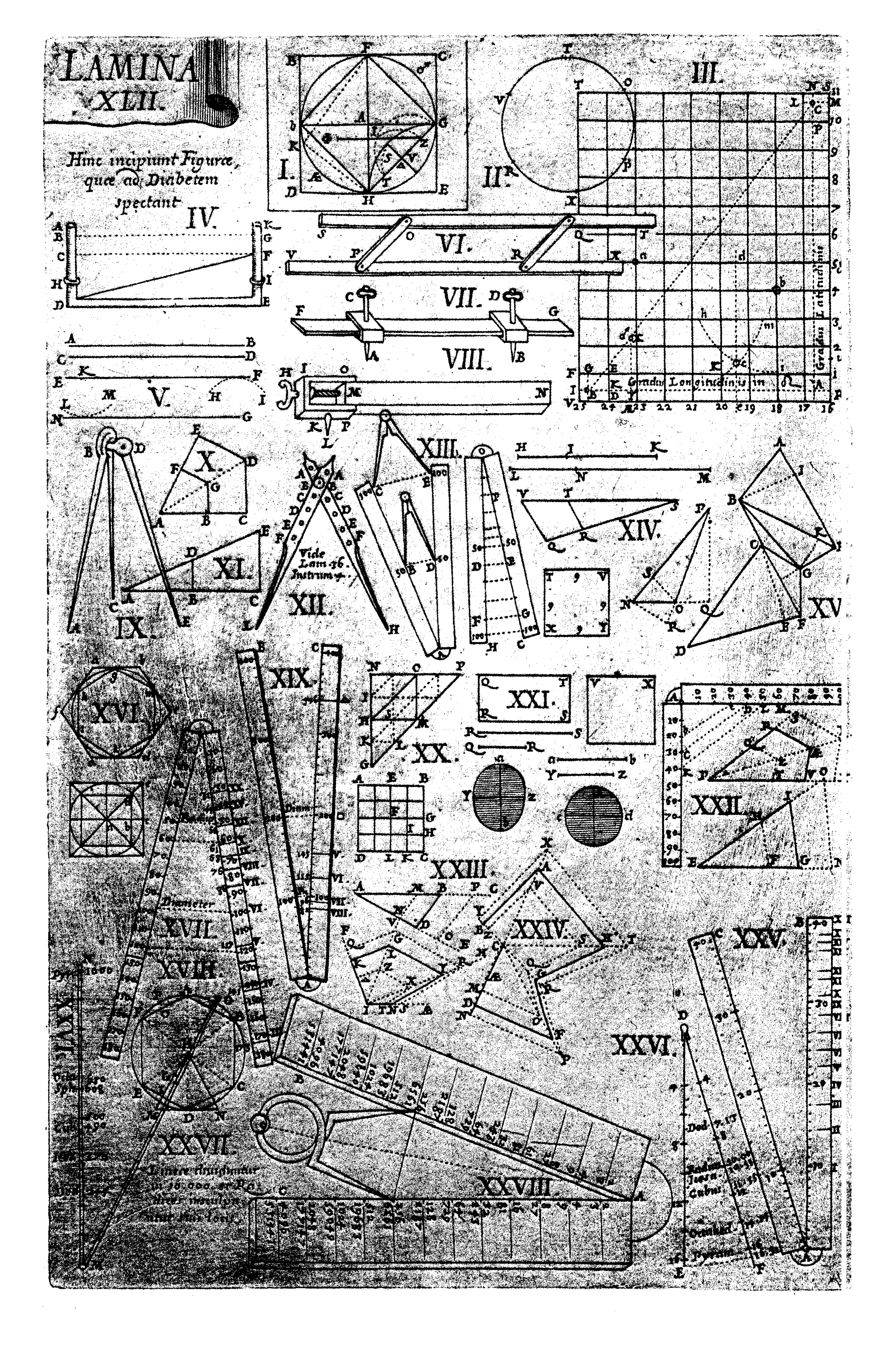


LAMINA XXXIX
Solares Maculæ
Figura I.
II.
III.
IV.
V.
VI.
VII.
VIII.
Macula visa in Sole 2. Feb. 1622.
Eadem Macula 3. Feb. 1622.
Solarium Positionum Schemata
Sol in Æquinoctiali
IX.
Ecliptica
Ecli Æquinocti alis
XIII.
Sol in Tropico Cancri
X.
Ecliptica
♃ in Nodis
In max. lat. B.
In max. lat. A.
XIV.
Mars à Francisco Fontana obseruatus
Sol in Tropico Capricorni
XI
XV.
XVI.
Hugenij Mars
Saturnus
Hodierna
Solarium Macularum Semitæ
XII
Horizon
XVII.
XVIII.

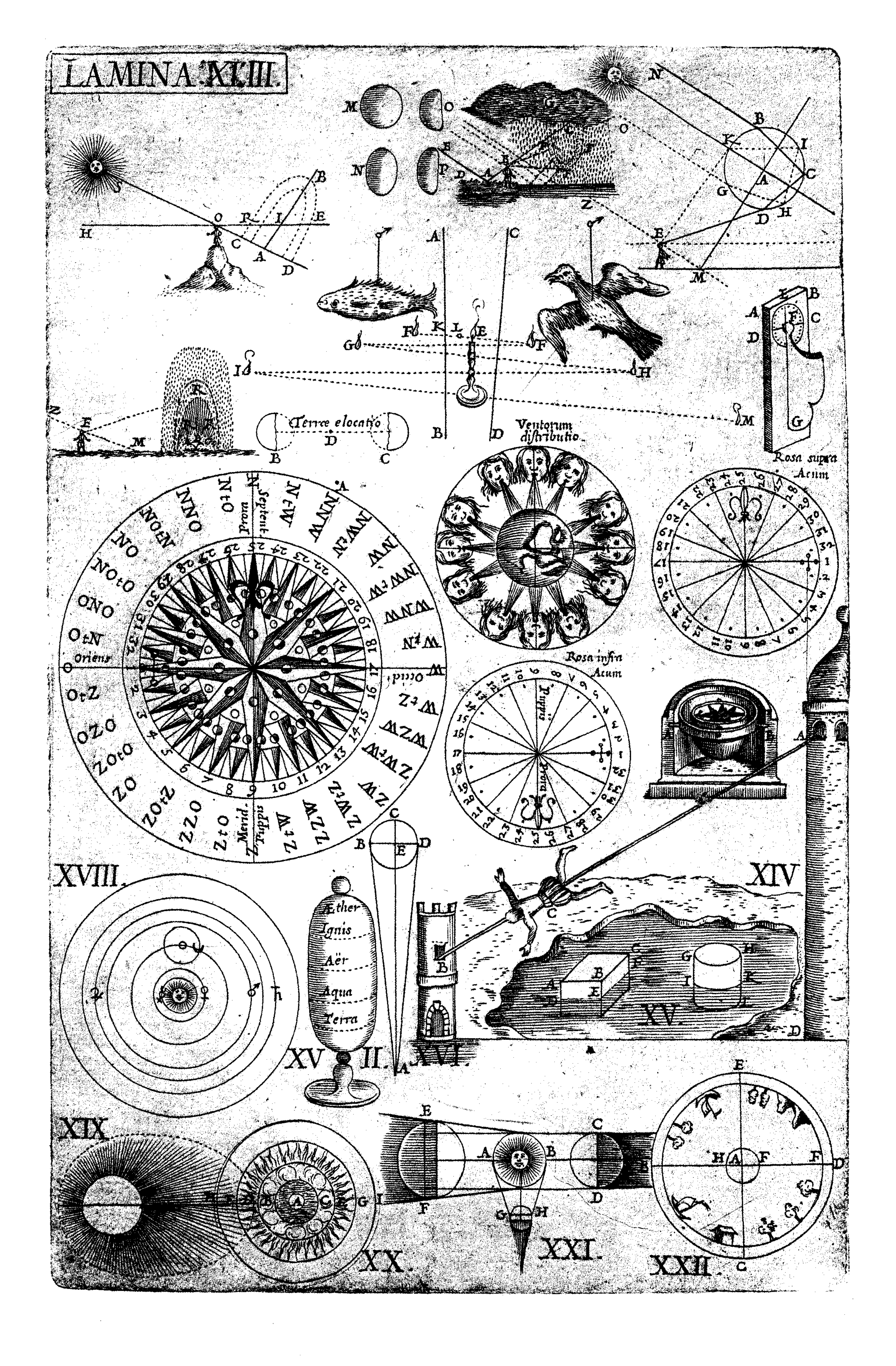

Phases Veneris obseruatæ à Francisco Fontana Neapoli
I.
II.
III.
IV.
LAMINA XL.
10 Augusti 1625 ♀ horâ 2 matut.
Horâ 5. et deinceps.
Facies Veneris
Facies Mercurij
Suspicientium per Tubum Solem oculorum illusio.
VIII.
IX.
X.
Venite, et uidete Opera Dei
Consideraui Opera tua, et expaui
IOVIS SATELLITES.
Iouis Satellites.
Iouis Satellites.
XI.
XII.
XIII.
Saturni Satellites
Saturni Satellites.
Aquæ effusio in ♒
XIV.
XV.
XVI.
XVII.
Veneris Facies
V.
VI.
VII.

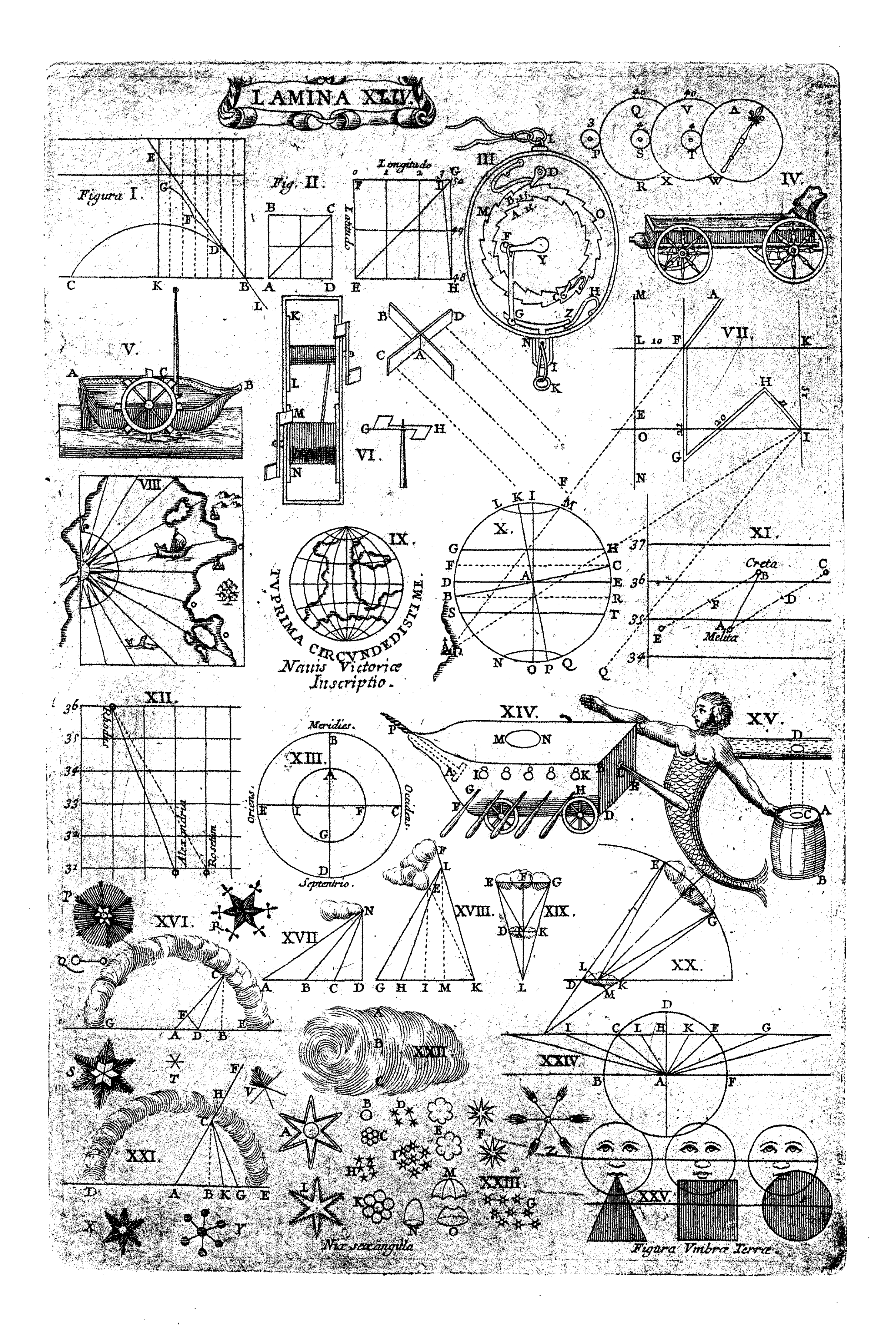


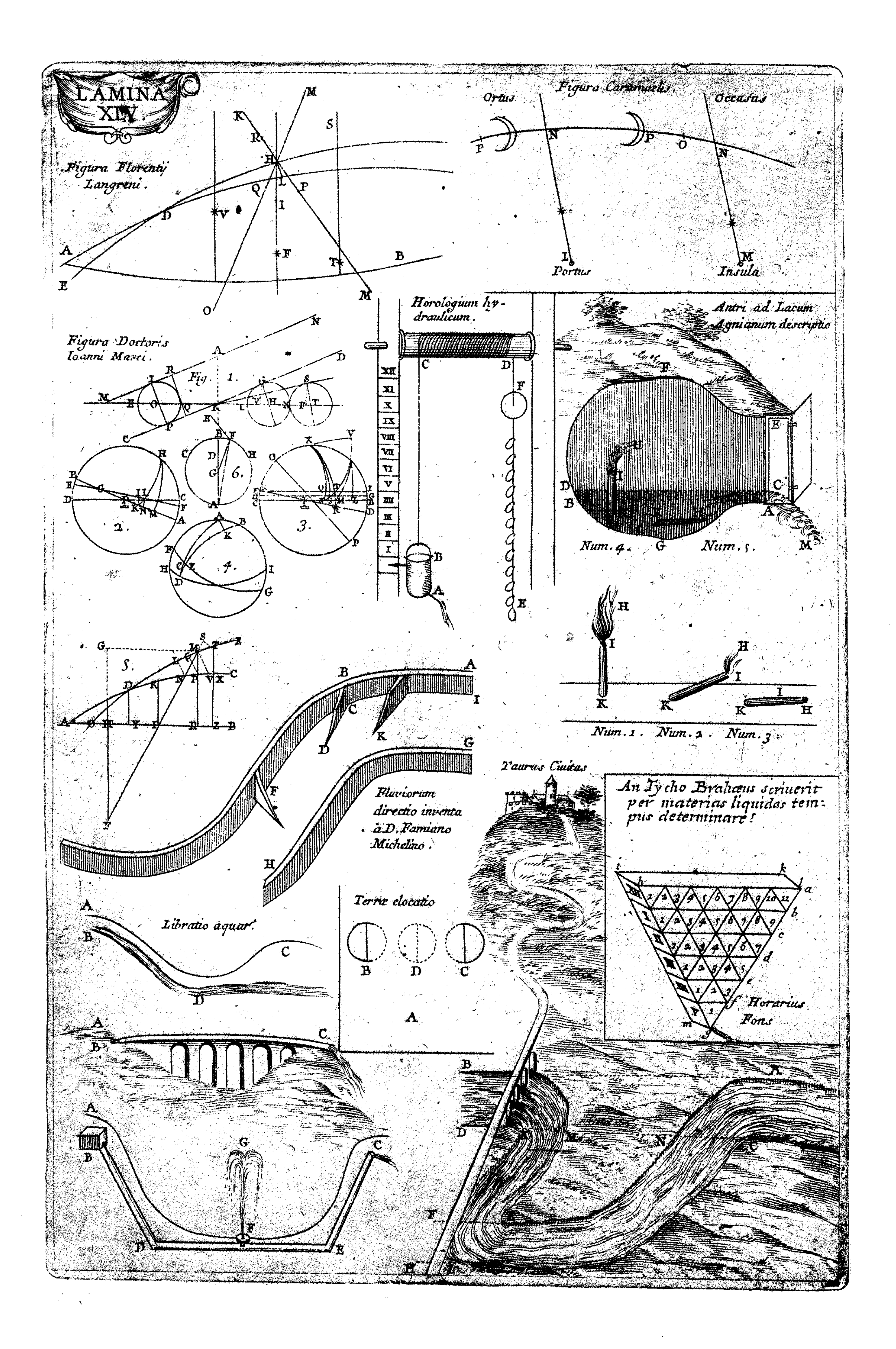
LAMINA XLI.
Cœlestis Protei (Saturni) Transfigurationes proponens.
A
B
I.
II.
III
IV.
V.
VI.
VII.
VIII.
IX.
X.
XI.
XII.
XIII.
XIV.
XV.
XVI.
XVII.
XVIII.
XIX.
XX.
XXI.
XXII.
XXIII.
XXIV.
XXV.
Mars
Iuppiter
XXVI.
XXVII.
XXVIII.
XXIX.
Anno 1638. mense Augusto in Quadratura Solis sic fuit Mars a D. Pirono obseruatus.
Iuppiter ab eodem obseruatus anno 1640 Iulij 20. hora 10.
ABC. parallela Æquinoctia.
ABF. parallela Eclipticæ.
DBG. perpendicularis.
Sic fuit obseruatus ab eodem 8. Octobr. 1639.
Æquinoctiali, et Eclipticæ, parallelæ sunt, ut in præcedenti Figura 1. Nouem. 1641.

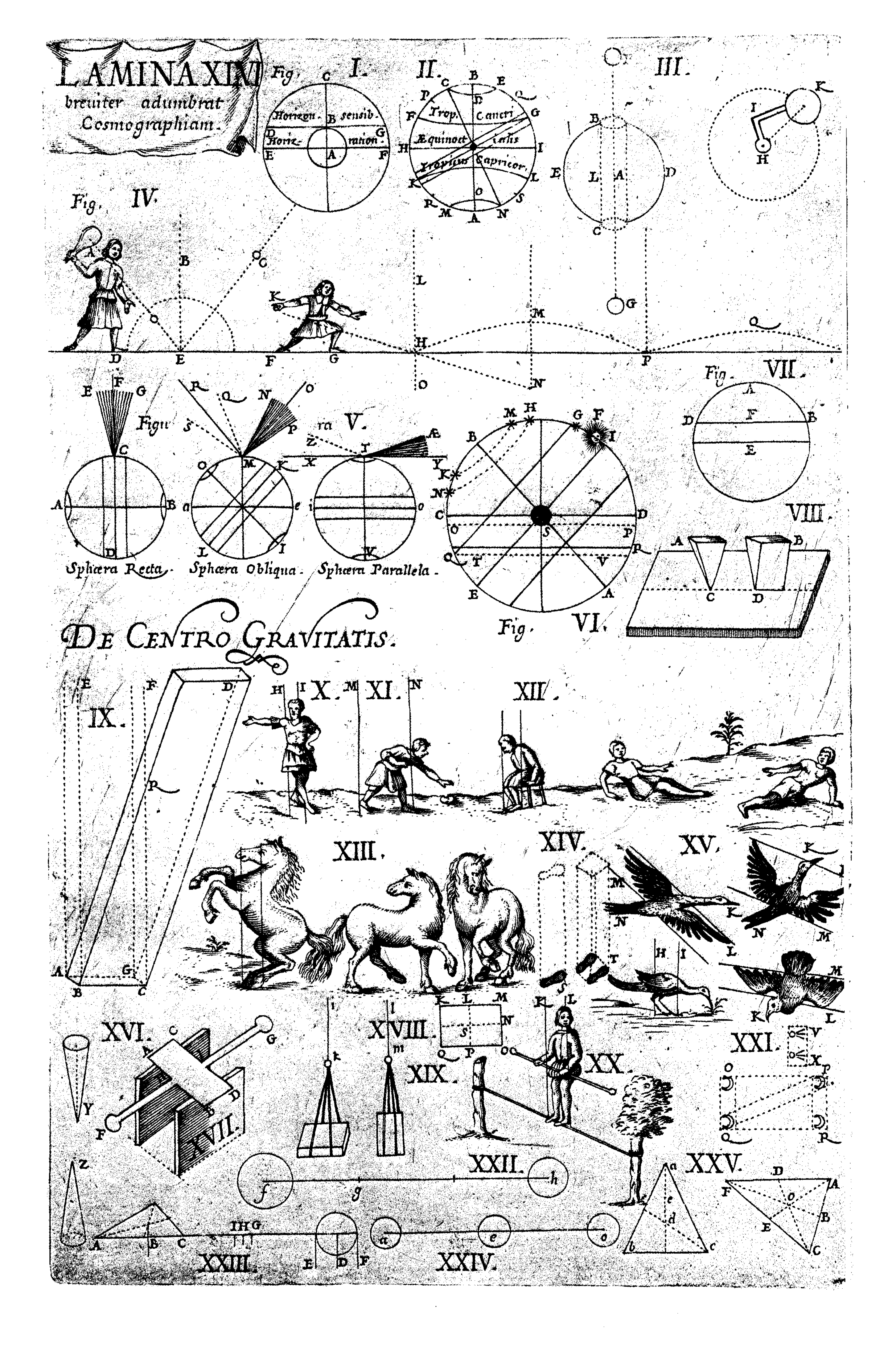


LAMINA
XLII.
Hinc incipiunt Figuræ, quæ ad Diabetem spectant
I.
II.
III.
IV.
V.
VI.
VII.
VIII.
Gradus Longitudinis in
Gradus Latitudinis
IX.
X.
XI.
XII.
Vide Lam. 36. Instrum.
XIII.
XIV.
XV
XVI.
XVII.
XVIII.
XIX.
XX.
XXI.
XXII.
XXIII.
XXIV.
XXV.
XXVI.
XXVII.
XXVIII.
Diameter

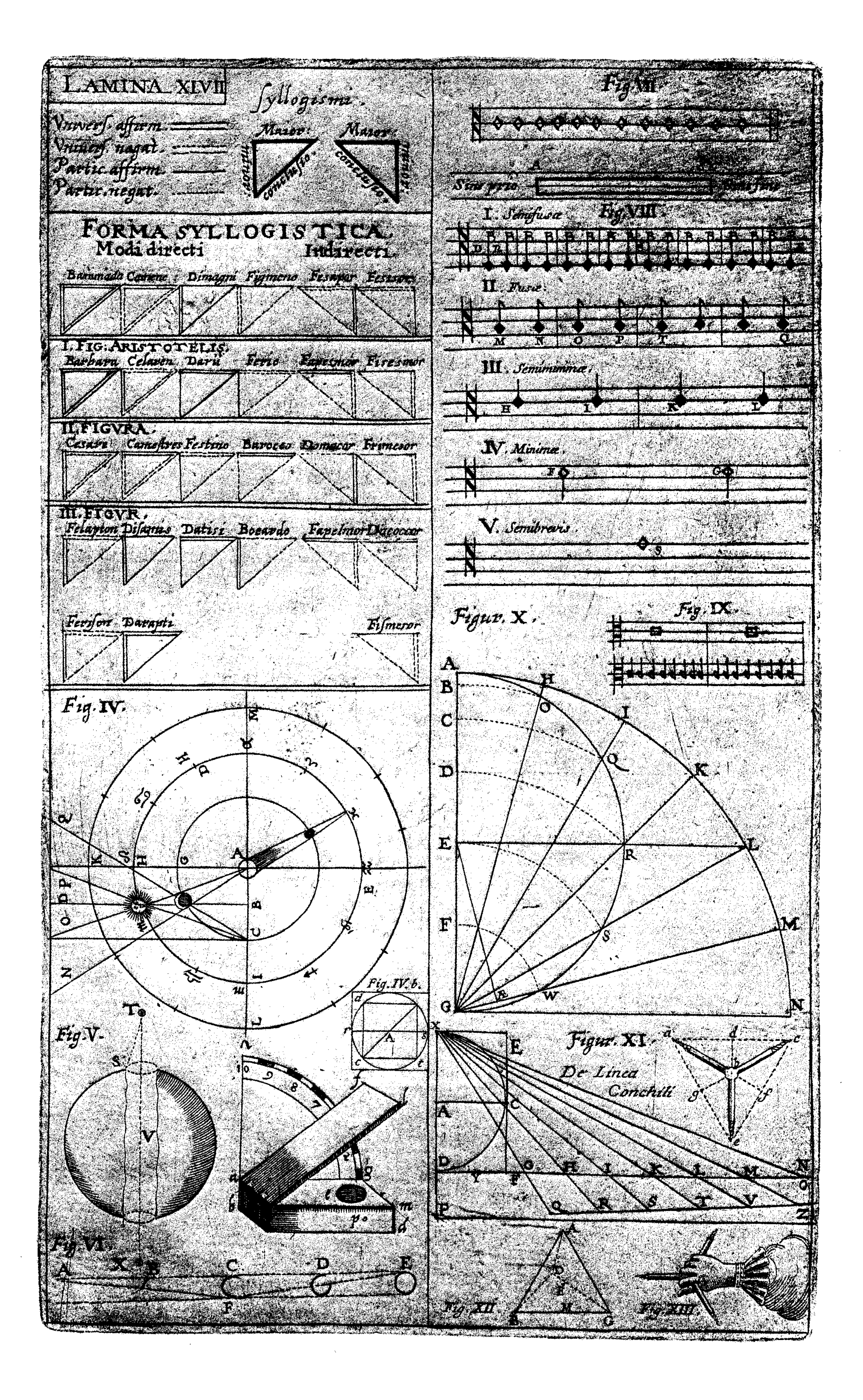

LAMINA XLIII.
Terræ elocatio
Ventorum distributio
Rosa supra Acum
Rosa infra Acum
Septent.
Prora
Orient
Occid.
Merid.
Puppis
Æther
Ignis
Aër
Aqua
Terra
XIV
XV
XVI
XVIII
XIX
XX
XXI
XXII

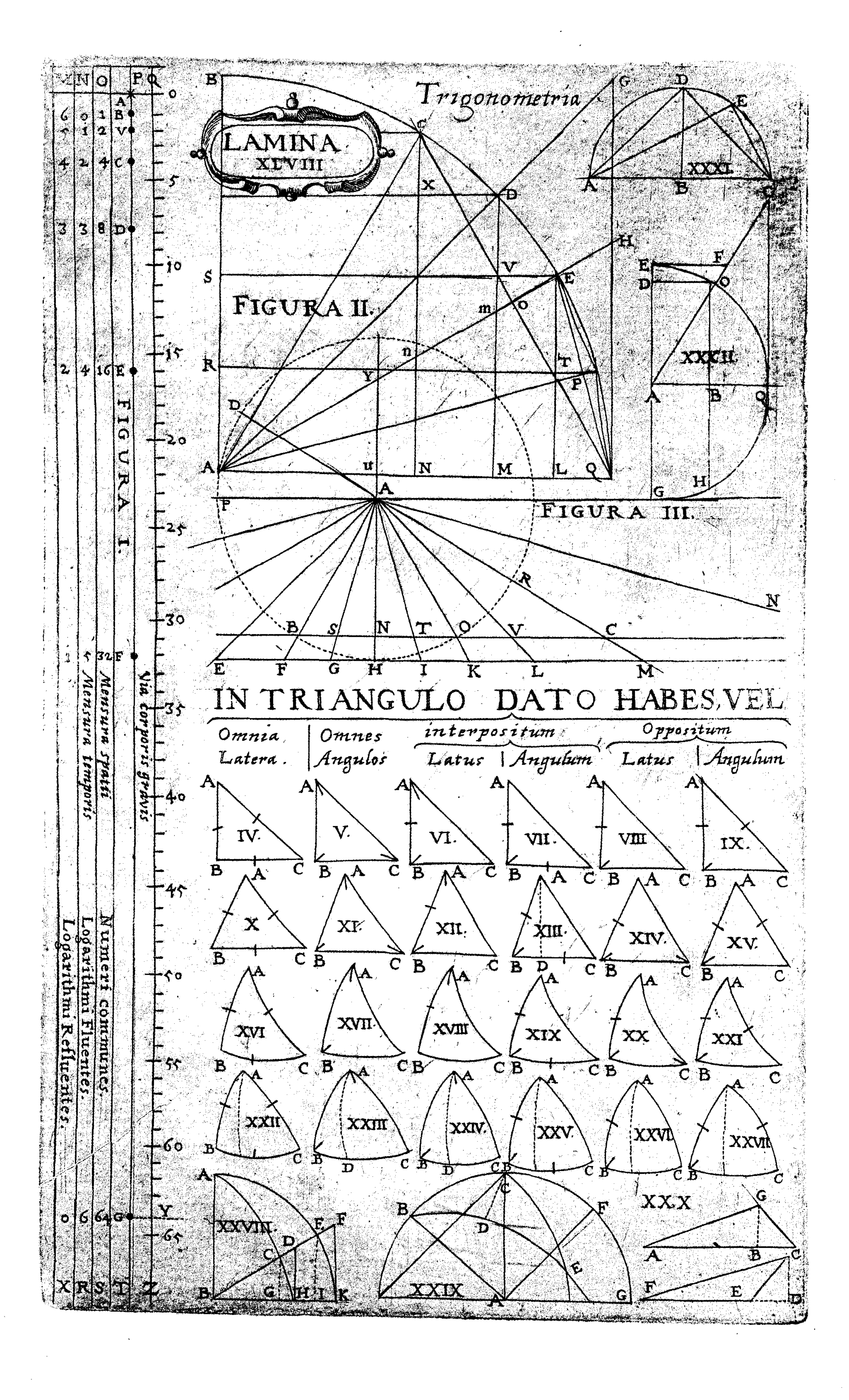

LAMINA XLIV.
Figura I.
Fig. II.
Longitudo
Latitudo
III
IV.
V.
VI.
VII.
VIII
IX.
TV PRIMA CIRCVNDEDISTI ME.
Nauis Victoriæ Inscriptio.
X.
XI.
Creta
Melita
XII.
Rhodus
Alexandria
Rosetum
XIII.
Meridies.
Oriens.
Occidens.
Septentrio.
XIV.
XV.
XVI.
XVII
XVIII.
XIX.
XX.
XXI.
XXII
XXIII
XXIV.
XXV.
Nix sexangula
Figura Vmbræ Terræ.


LAMINA XLV.
Figura Florentij Langreni.
Figura Caramuelis
Ortus
Occasus
Portus
Insula
Horologium hydraulicum.
Antri ad Lacum Agnianum descriptio
Figura Doctoris Ioanni Marci.
Fig. 1.
Num. 4.
Num. 5.
Num. 1.
Num. 2.
Num. 3.
Fluviorum directio inventa à D. Famiano Michelino.
Taurus Civitas
An Tycho Brahæus scripserit per materias liquidas tempus determinare?
Horarius Fons
Libratio aquar.
Terræ elocatio



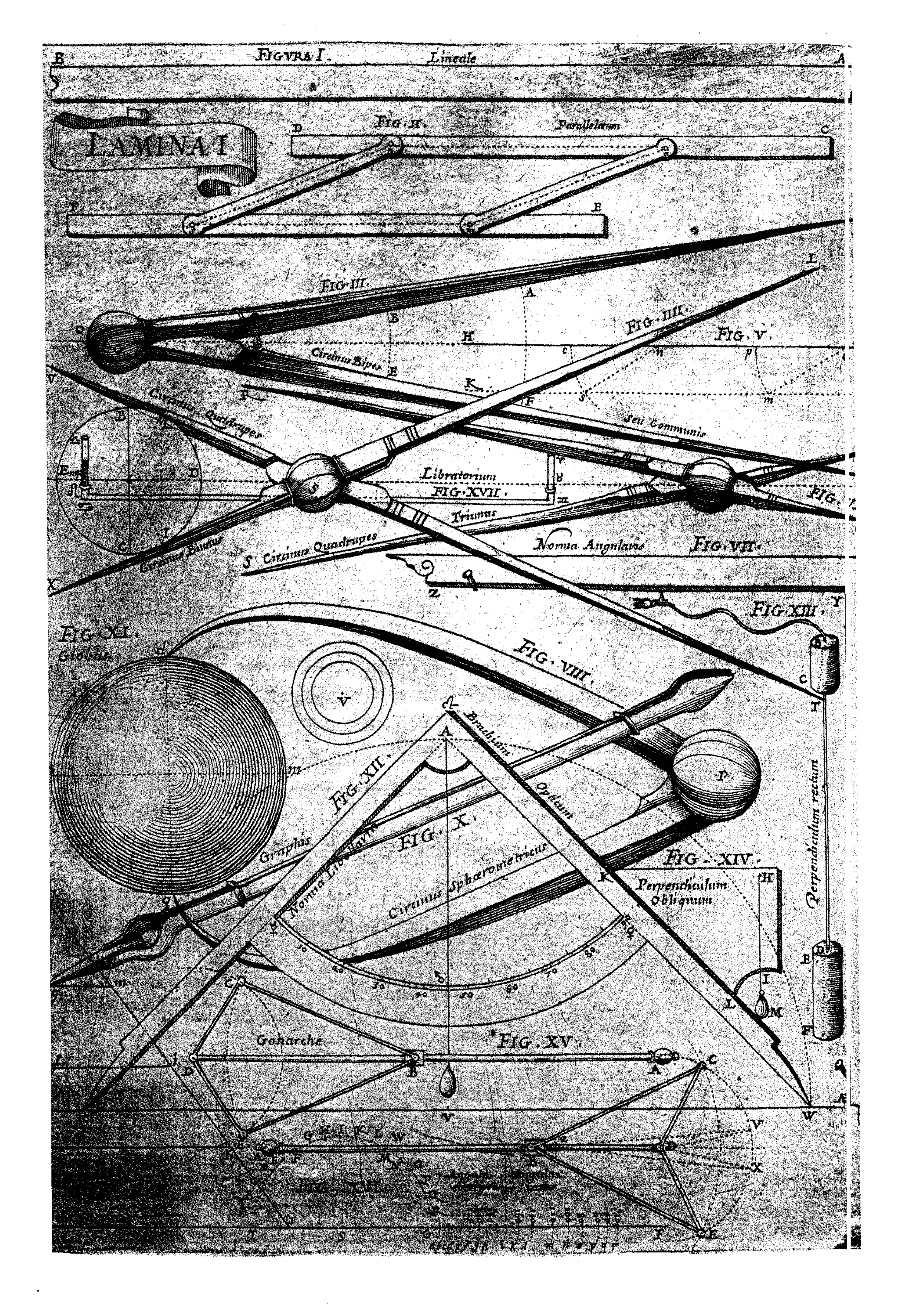
LAMINA XIV
breviter adumbrat
Cosmographiam.
Horizon sensib.
Horiz- ration
Trop. Cancri
Æquinoct ialis
Tropicus Capricor.
Sphæra Recta.
Sphæra Obliqua.
Sphæra Parallela.
DE CENTRO GRAVITATIS.


LAMINA XLVII
Syllogismi.
Vniverſ. affirm.
Vniverſ. negat.
Partic. affirm.
Partic. negat.
Maior
Maior
conclusio.
concluſio.
FORMA SYLLOGISTICA.
Modi directi
Indirecti.
I. FIG. ARISTOTELIS.
Barbara
Celarent
Darii
Ferio
II. FIGVRA.
Cesare
III. FIGVR.
Datisi
Fig. IV.
Fig. IV. b.
Fig. V.
Fig. VI.
Fig. VIII
I. Semifusa
II. Fusæ
III. Semiminimæ.
IV. Minimæ.
V. Semibrevis
Fig. IX.
Figur. X.
Figur. XI.
De Linea
Conchili
Fig. XII
Fig. XIII

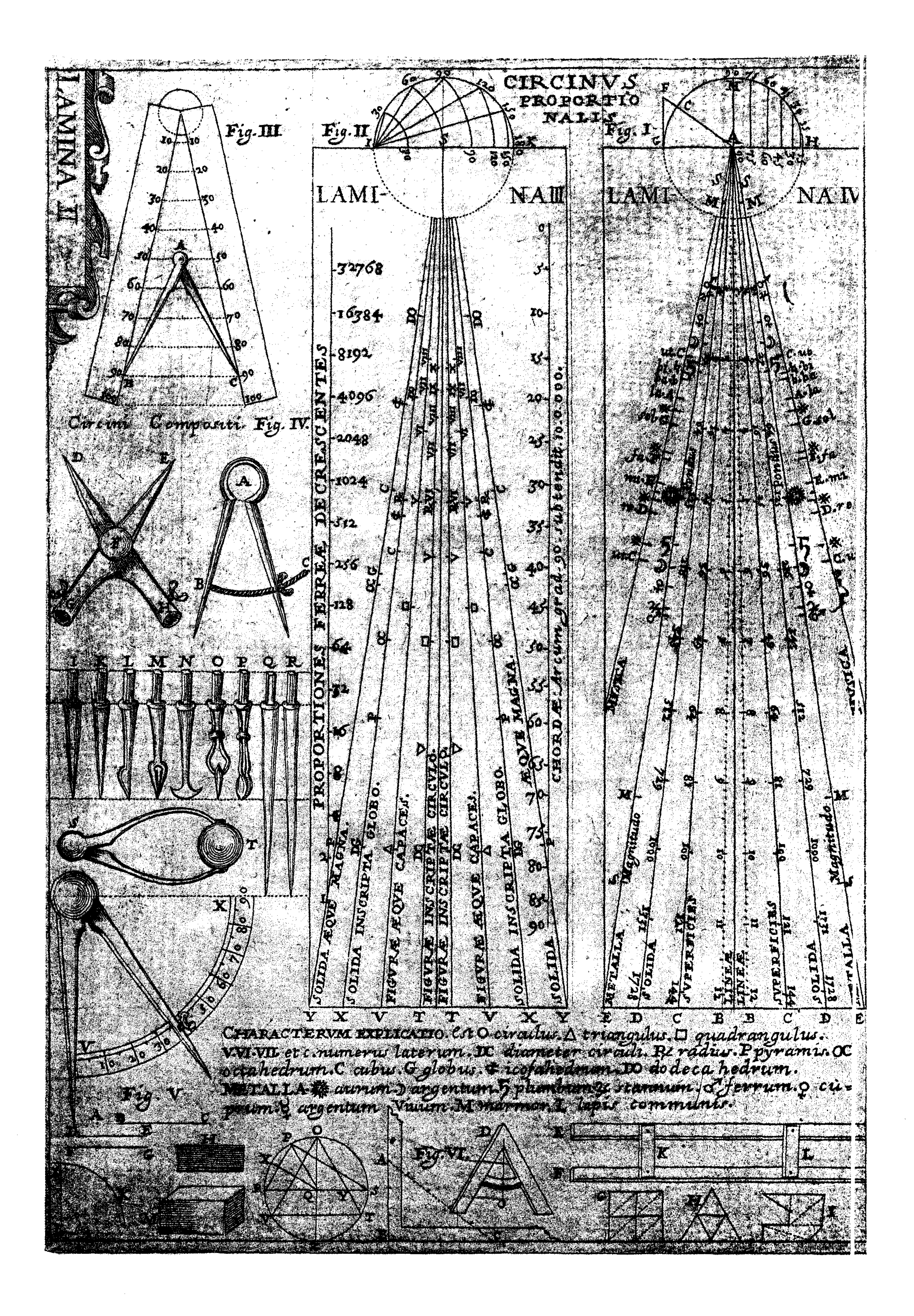


LAMINA XLVIII
Trigonometria
FIGURA I.
FIGURA II.
FIGURA III.
Numeri communes.
Logarithmi Fluentes.
Logarithmi Refluentes.
Mensura spatii
Mensura temporis
Via corporis gravis
IN TRIANGULO DATO HABES, VEL
Omnia Latera.
Omnes Angulos
interpositum
Latus
Angulum
Oppositum
Latus
Angulum

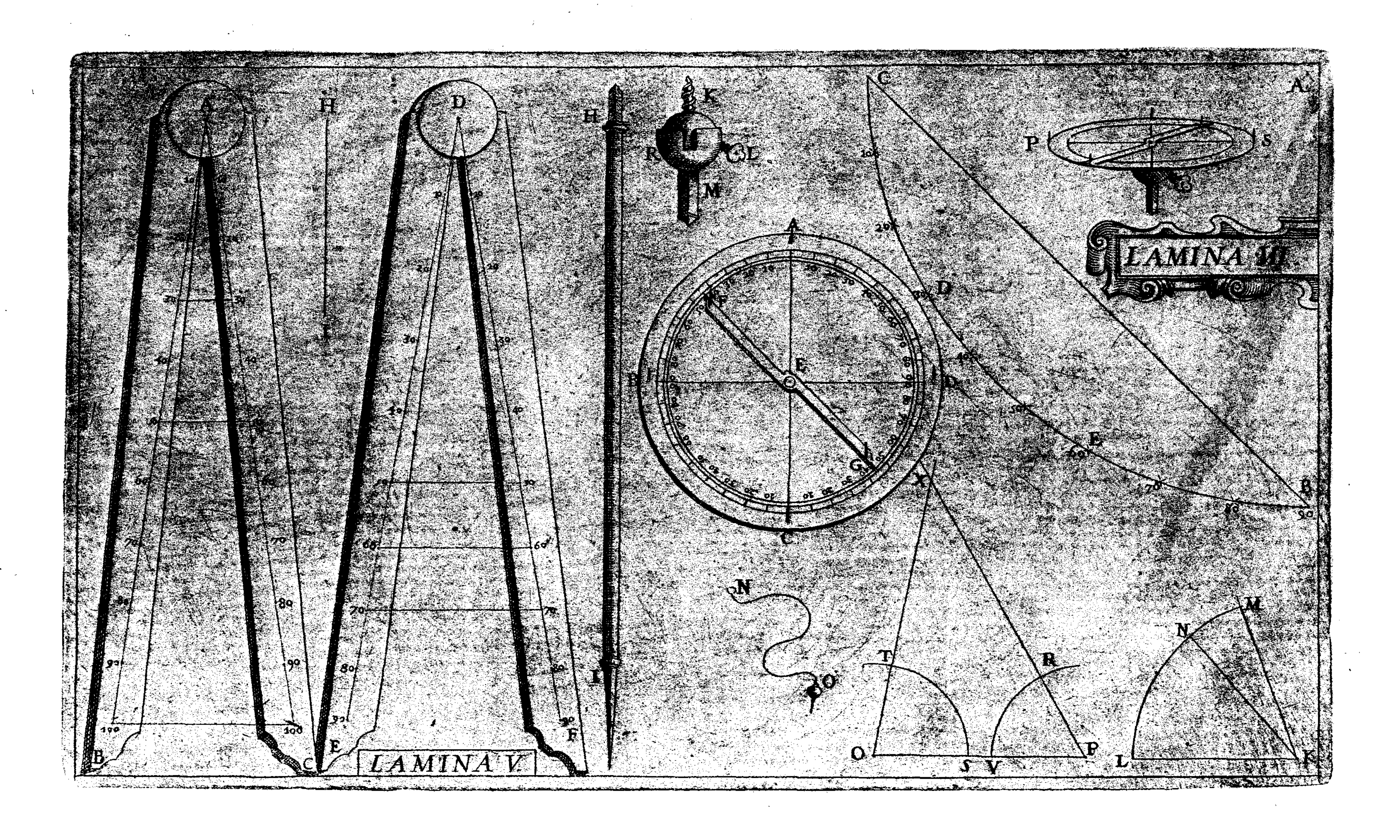

Solemq. suum
sua Sydera
norunt. Virg.
Et forma tri
corporis
PARTE III
EN QVE
Con sus verdaderas medidas, se dibujan y pintan, no solo los Ordenes Antiguos de Colunas, que en la
ARCHITECTVRA RECTA
Labraron los mejores Ingenieros de Grecia,
Sino otros muchos Nuevos, que los ignoro la Antiguedad.
ANNO DOMINI M DC LXXVIII
SVPERIORVM PERMISSV
VIGLEVANI in Officina Episcopali, apud Camillum Corradam.

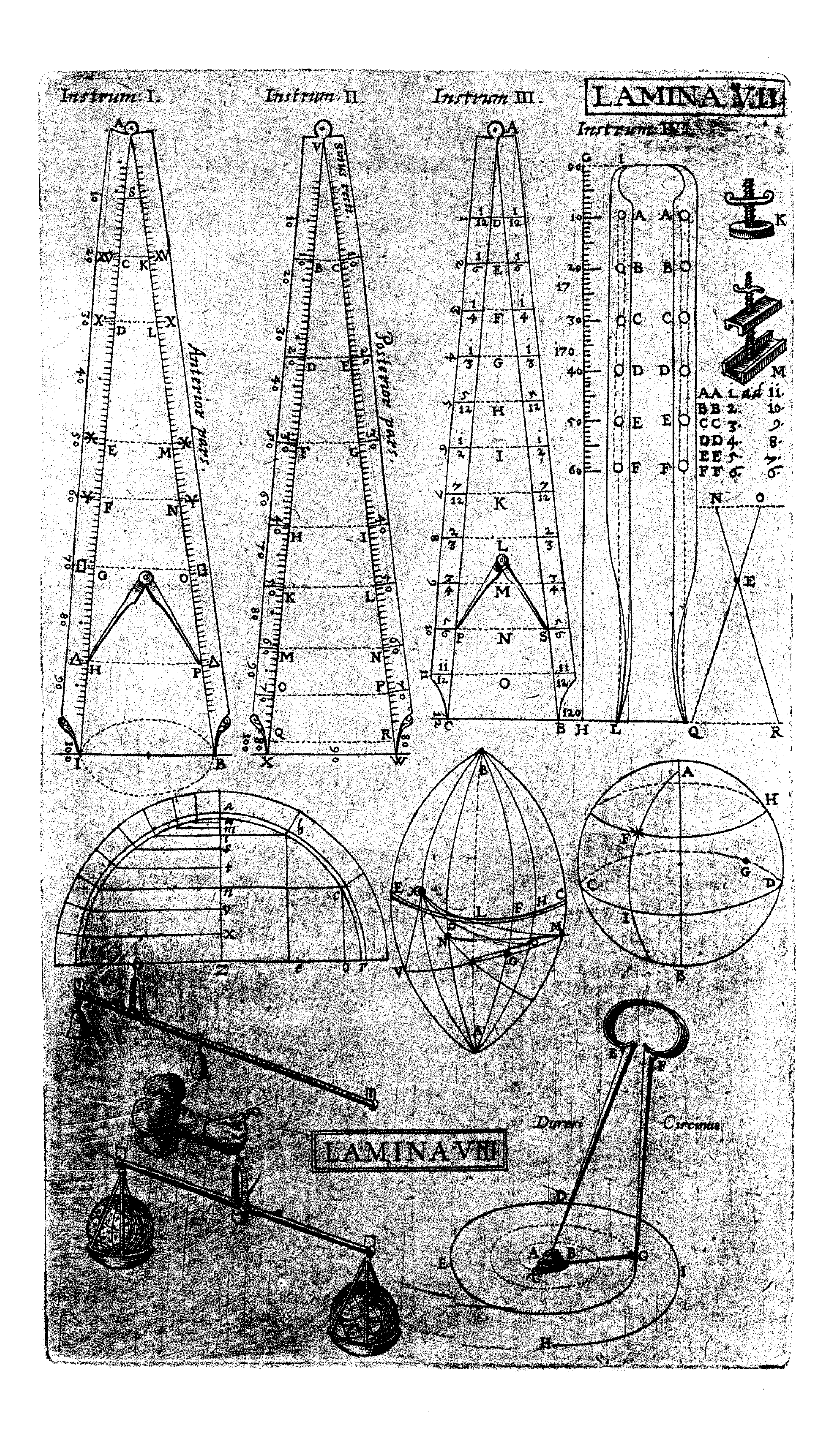


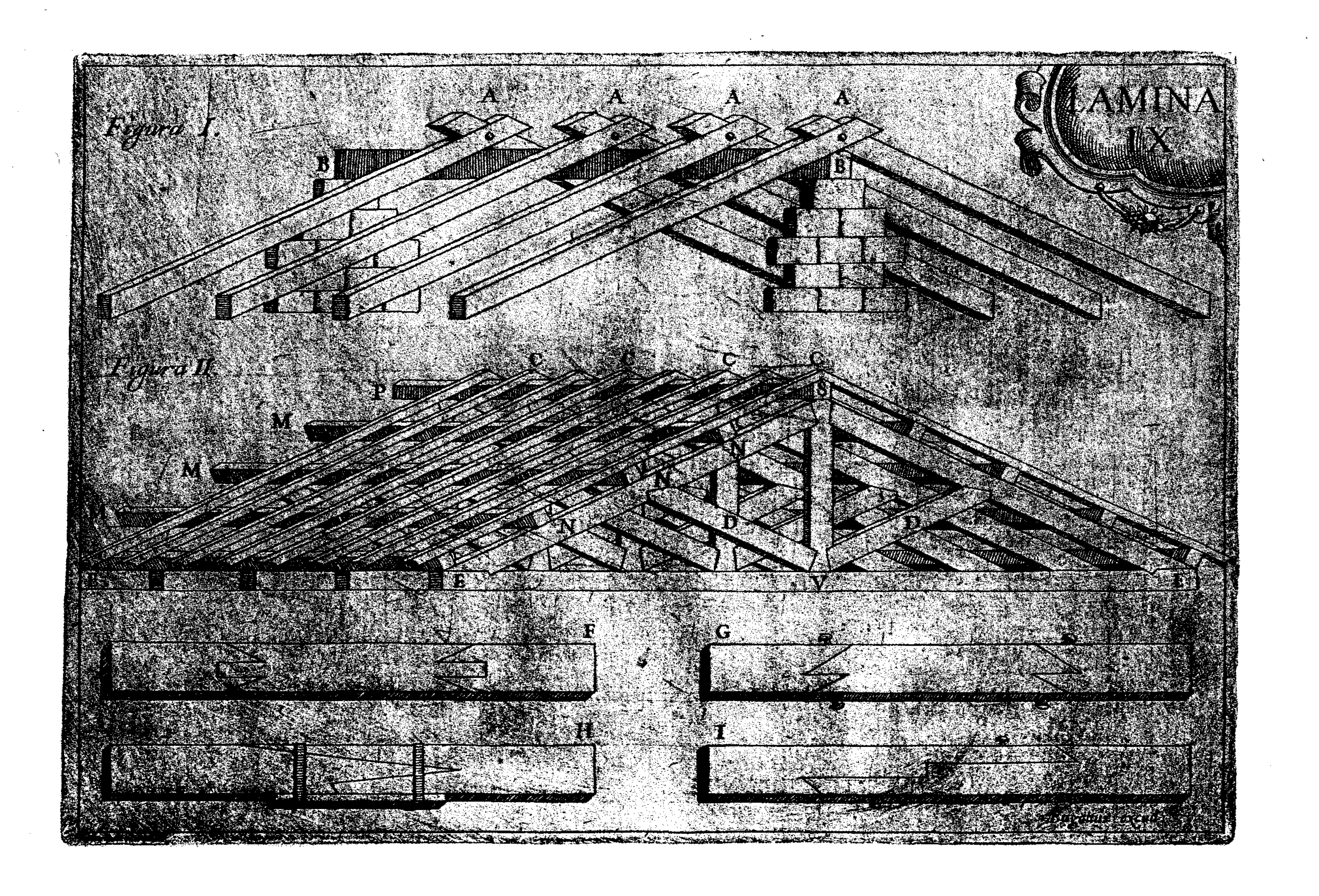
FIGVRA I.
Lineale
LAMINA I
FIG. II.
Parallelum
FIG. III.
FIG. IIII.
FIG. V.
Circinus Bipes
Seu Communis
Circinus Quadrupes
Libratorium
FIG. XVII.
Trinus
Circinus Quadrupes
Norma Angularis
FIG. VII.
FIG. XIII.
FIG. XI.
Globus
FIG. VIII.
Brachium
Opticum
FIG. XII.
Norma Libellaris
FIG. X.
Graphis
Circinus Sphærometricus
FIG. XIV.
Perpendiculum Obliquum
Perpendiculum rectum
Gonarche
FIG. XV.

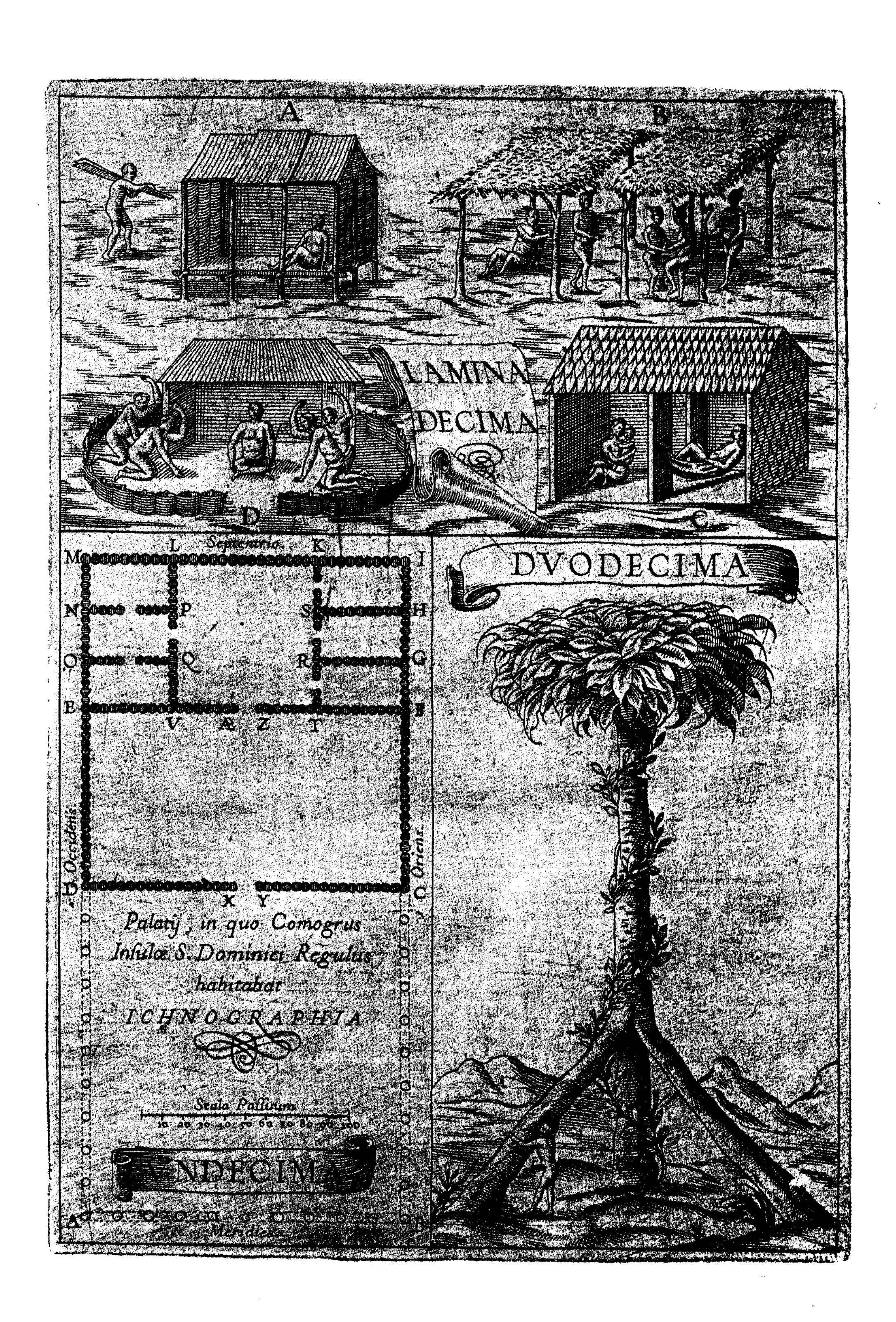


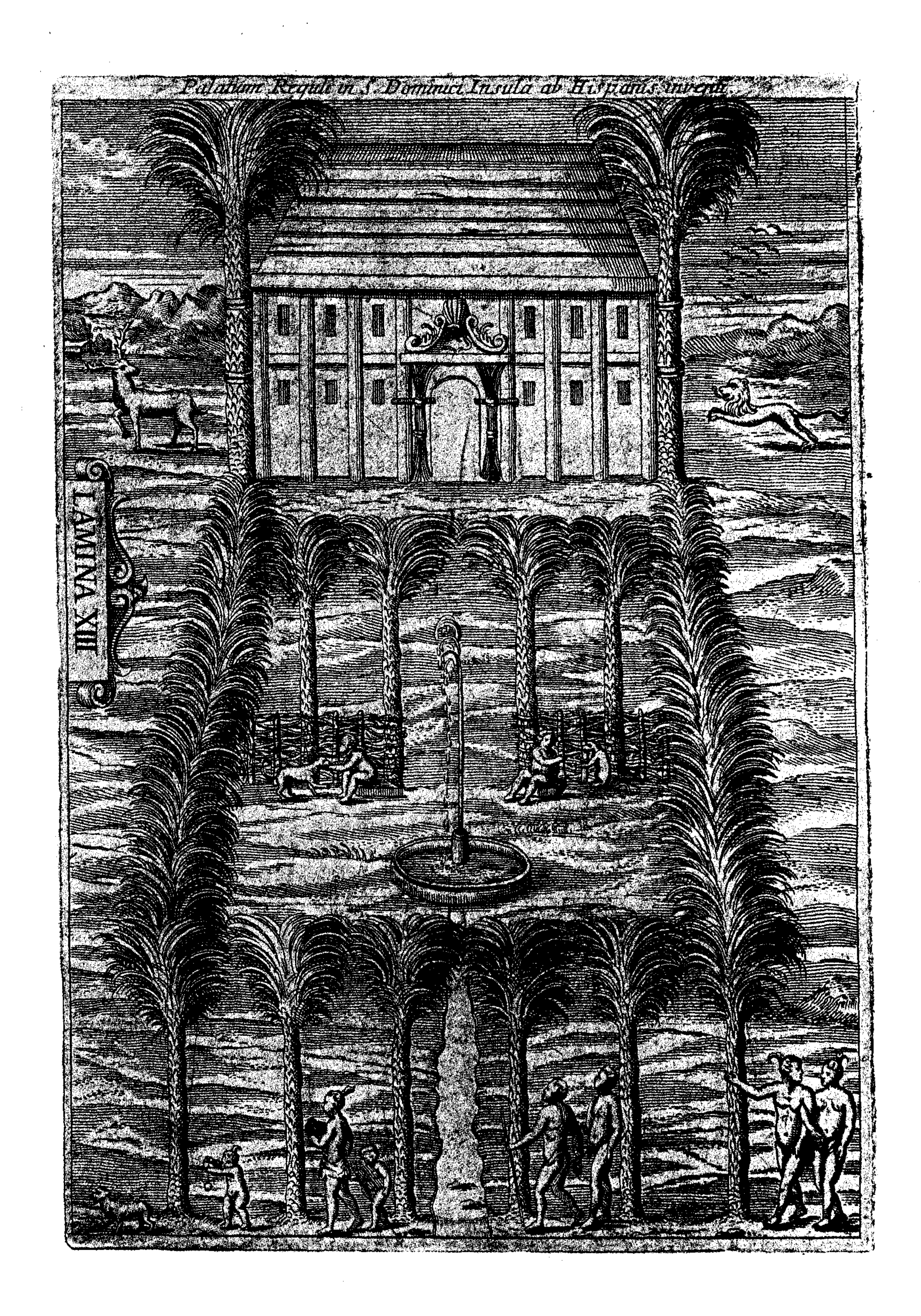
CHARACTERVM EXPLICATIO. est ○ circulus. △ triangulus. □ quadrangulus. V.VI.VII. et c. numerus laterum. DC diameter circuli. Rz radius. P pyramis. OC octahedrum. C cubus. G globus. ✠ icosahedrum. DO dodecahedrum. METALLA ☼ aurum. ☽ argentum. ♄ plumbum. ♃ stannum. ♂ ferrum. ♀ cuprum. ☿ argentum Viuum. M marmor. L lapis communis.

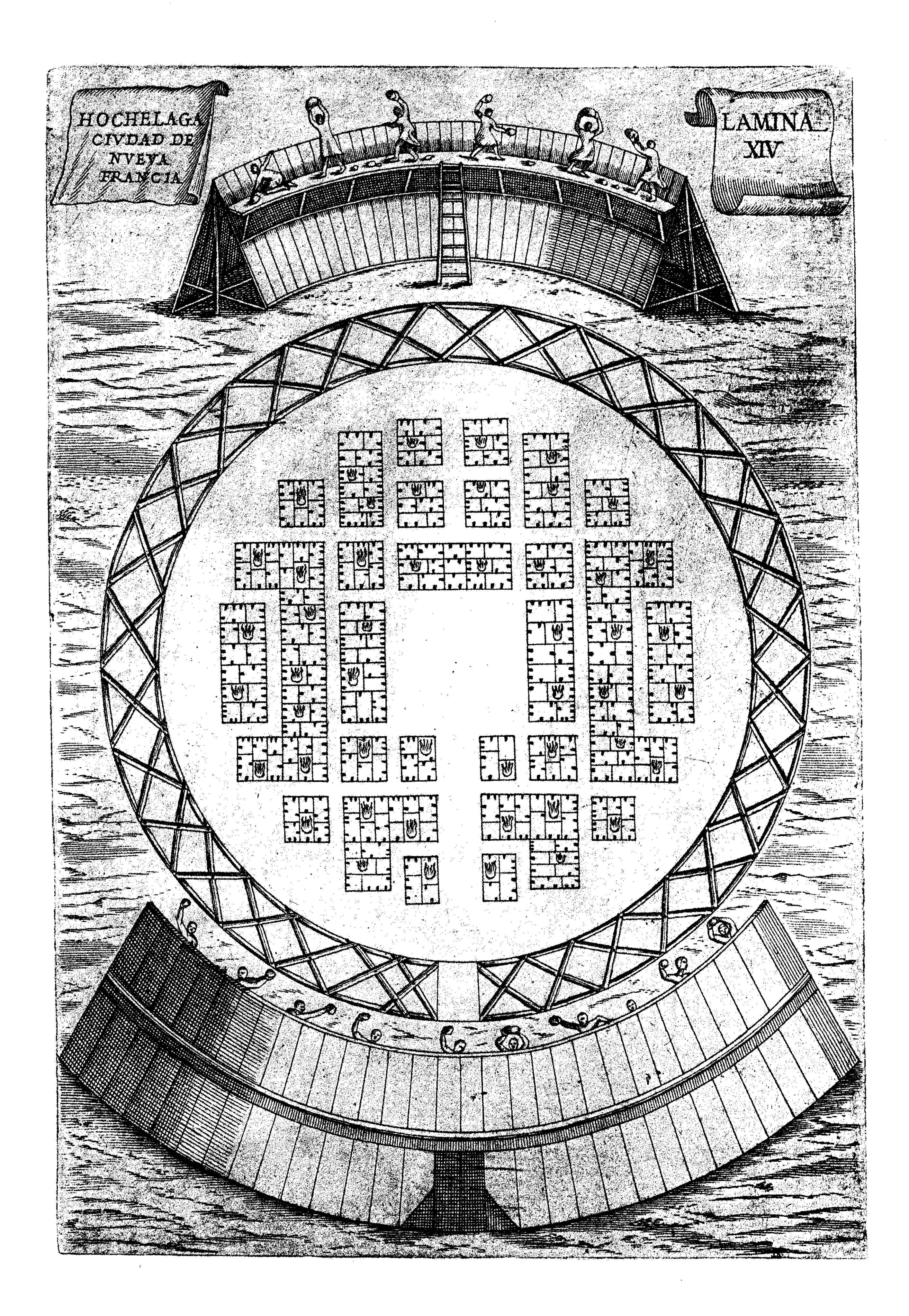

LAMINA
LAMINA V.

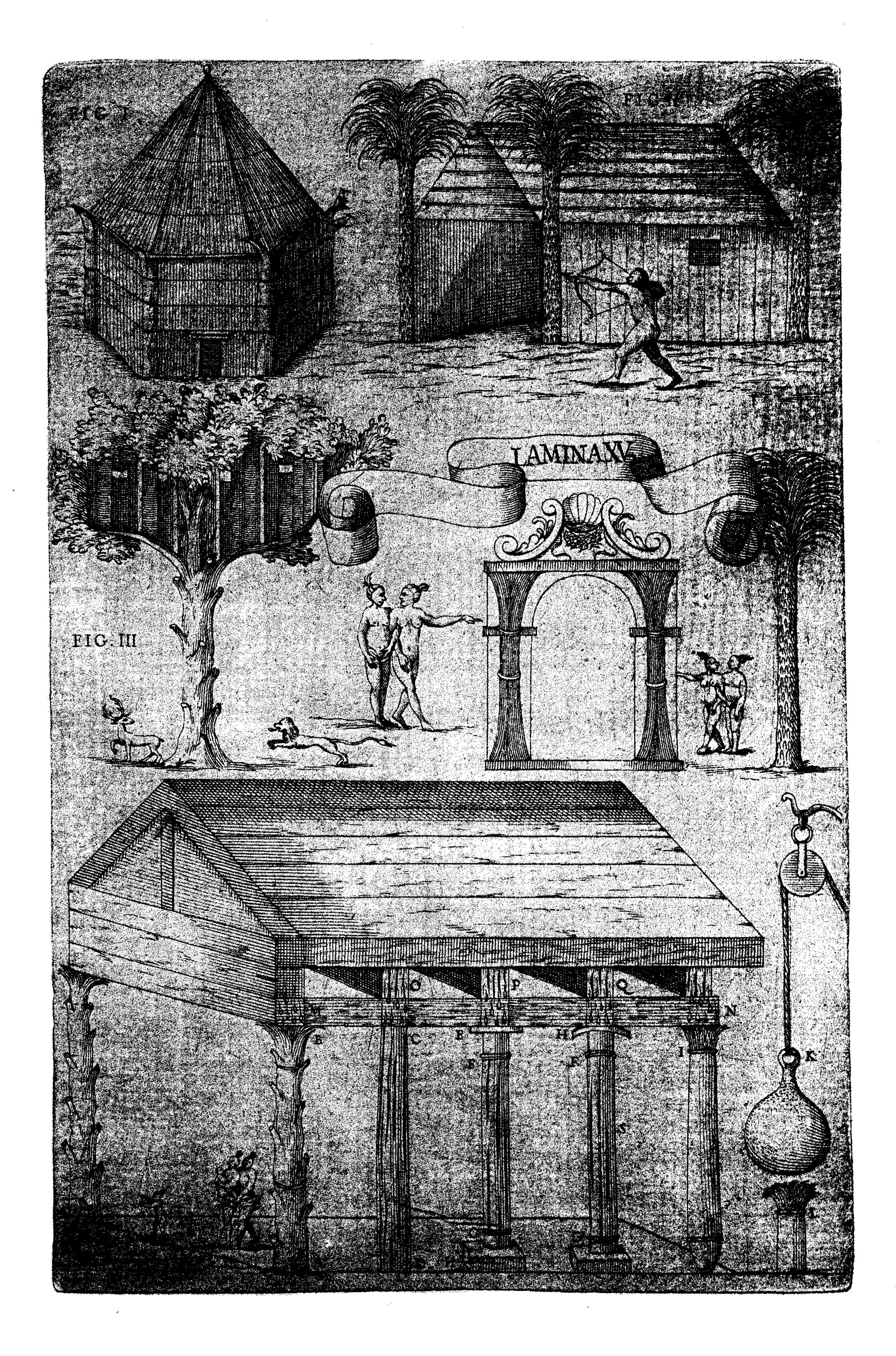

Instrum: I.
Instrum: II.
Instrum: III.
LAMINA VII.
Instrum: IV.
Anterior pars.
Posterior pars.
LAMINA VIII
Dureri
Circinus


LAMINA
IX
Figura I.
A
A
A
A
B
B
Figura II.
C
C
C
C
P
M
M
S
N
N
N
D
D
E
V
E
F
G
H
I

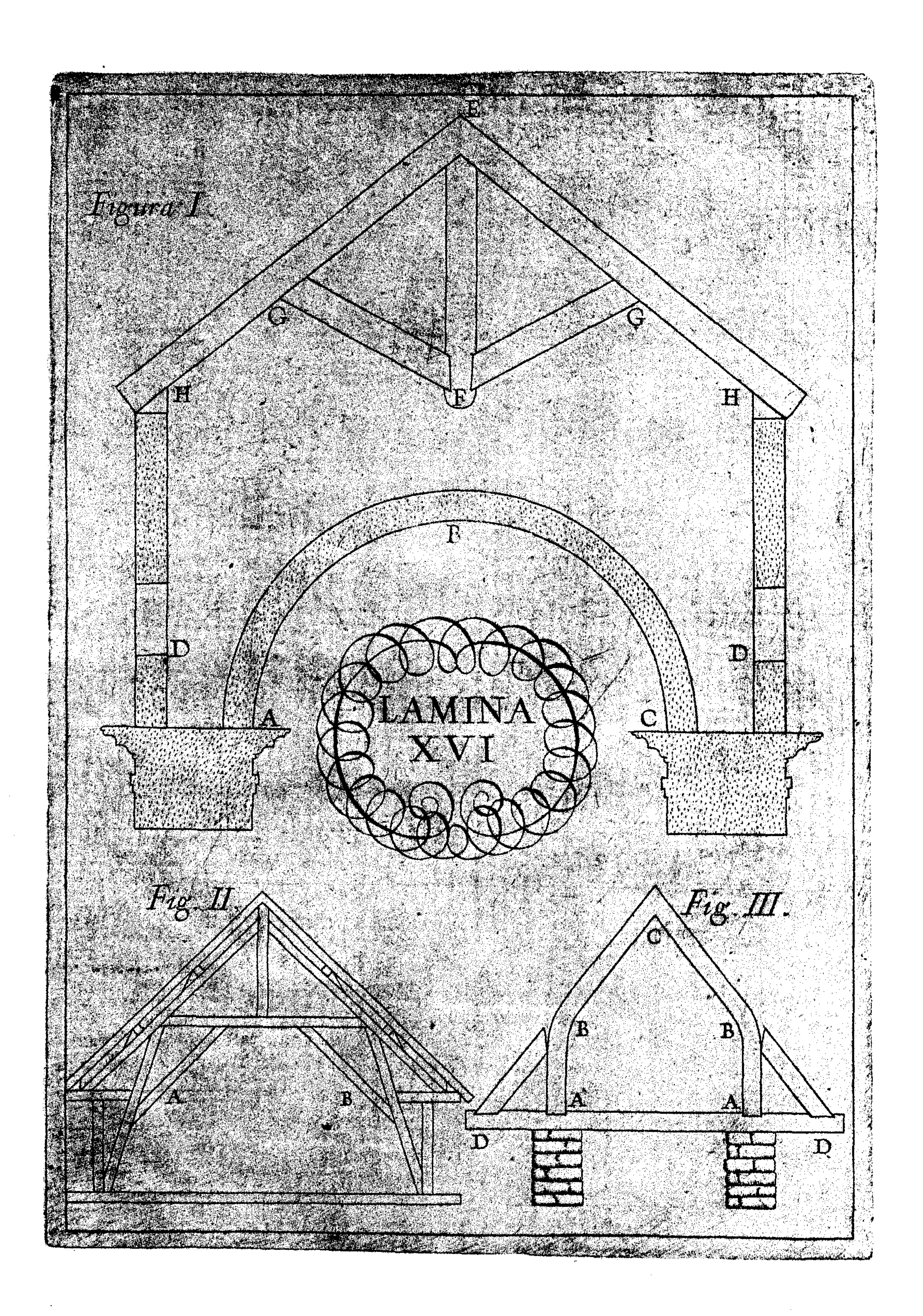

A
B
LAMINA DECIMA
D
C
Septentrio.
L
K
M
I
N
P
S
H
O
Q
R
G
E
F
V
Æ
Z
T
Occidens.
Oriens.
D
X
Y
C
Palatij, in quo Comogrus Insulæ S. Dominici Regulus habitabat
ICHNOGRAPHIA
Scala Passuum
VNDECIMA
A
Meridies
DVODECIMA

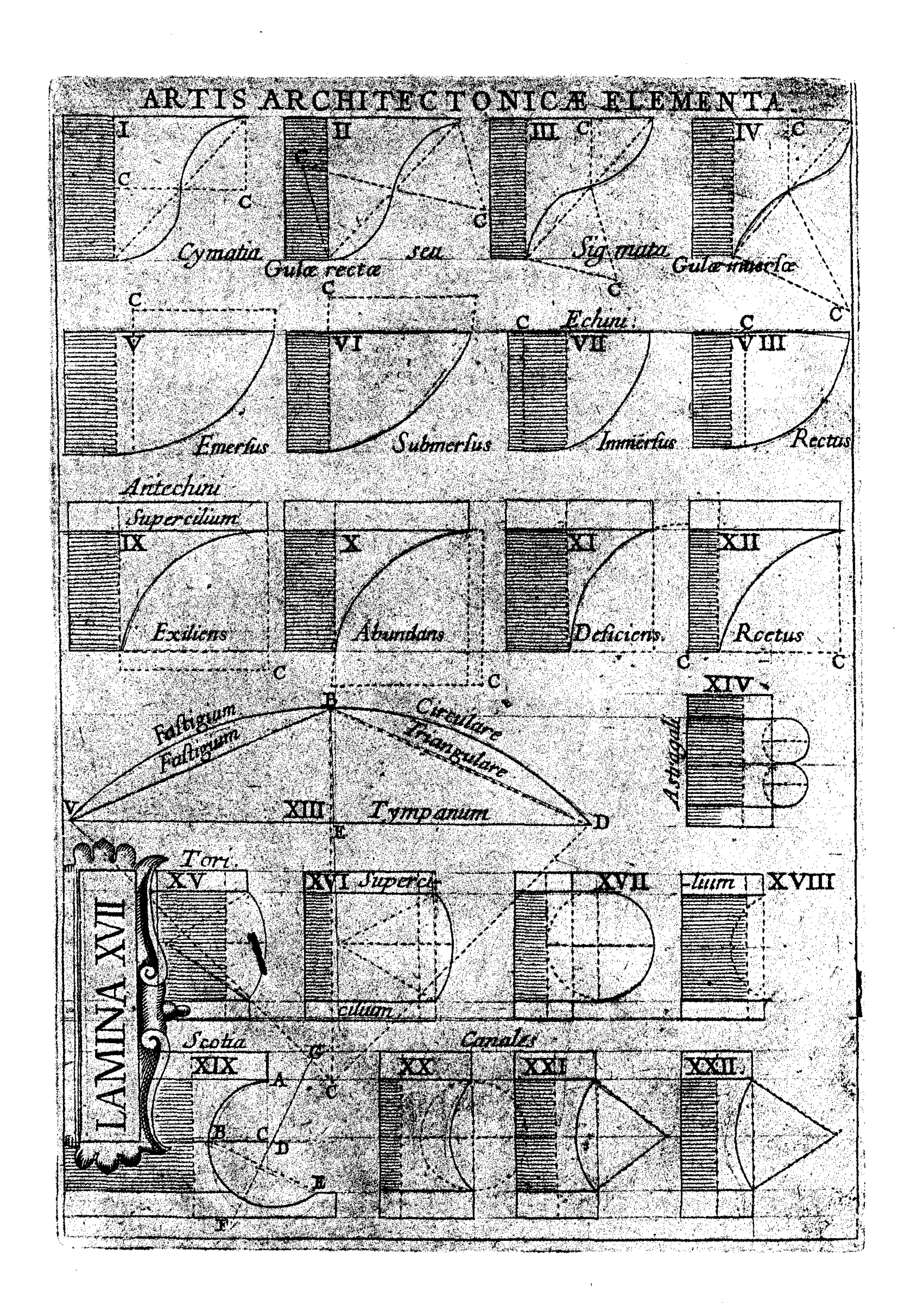

Palatium Regale in S. Dominici Insula ab Hispanis inventi
LAMINA XIII


HOCHELAGA
CIVDAD DE
NVEVA
FRANCIA
LAMINA
XIV

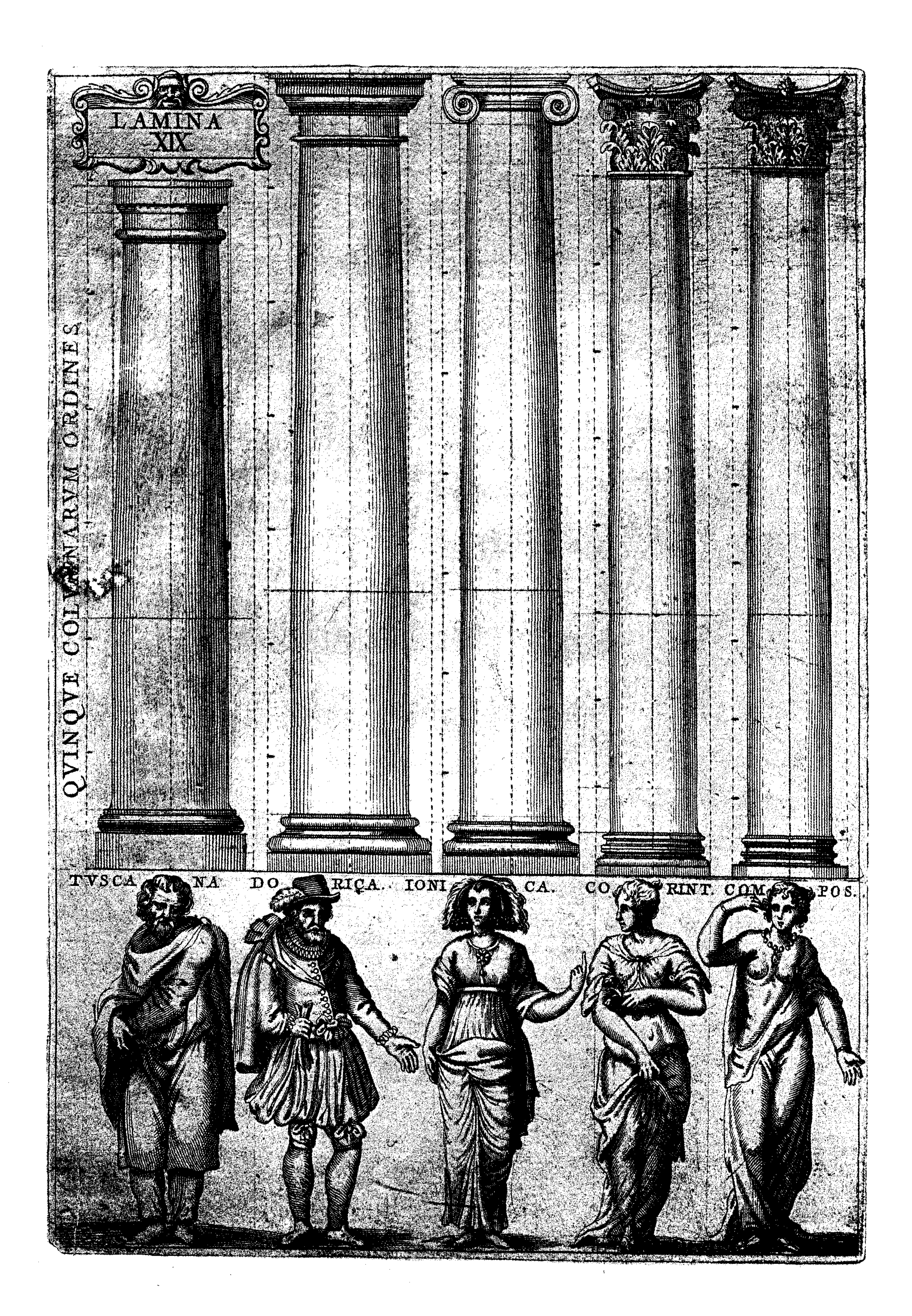


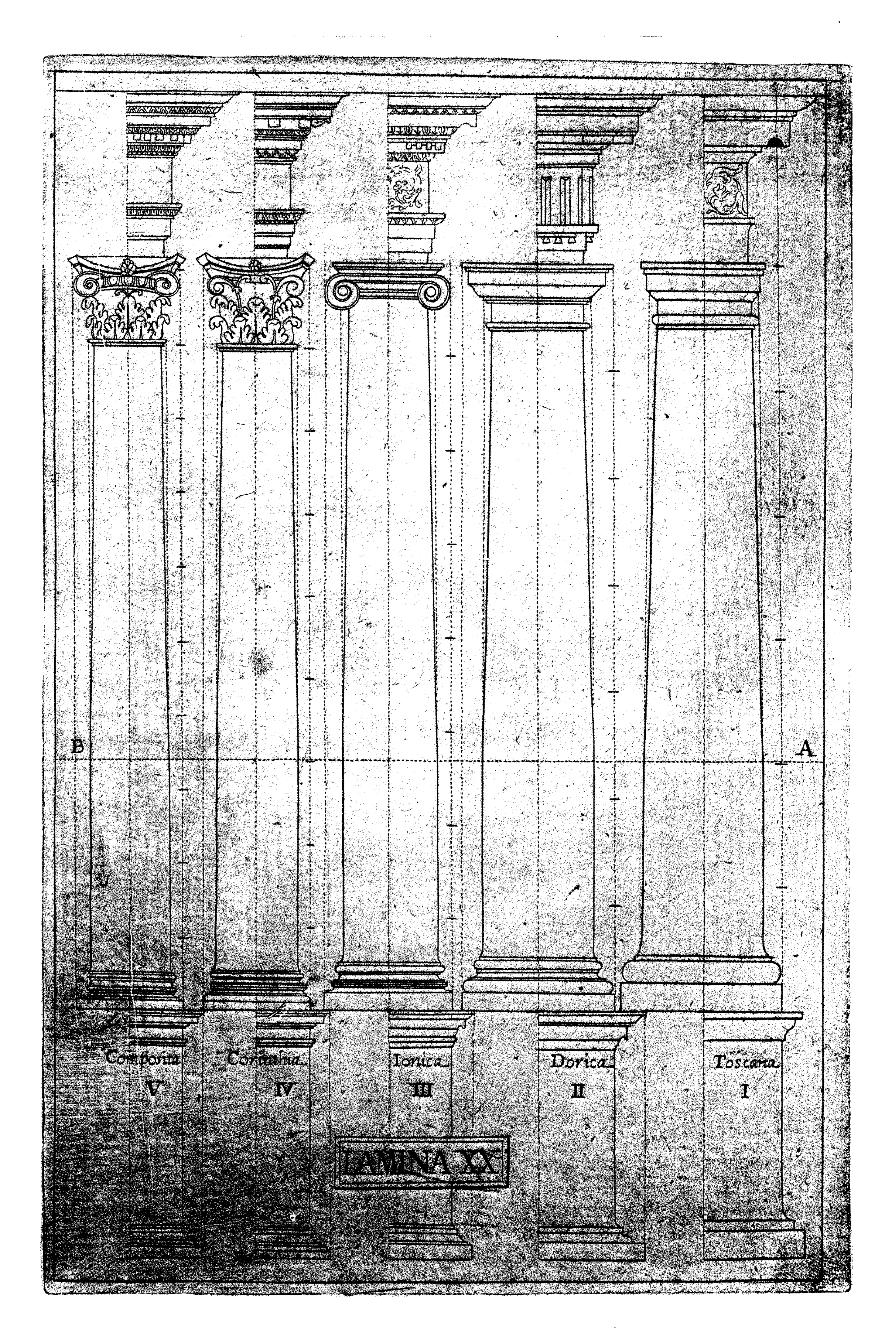
LAMINA XV
FIG. III

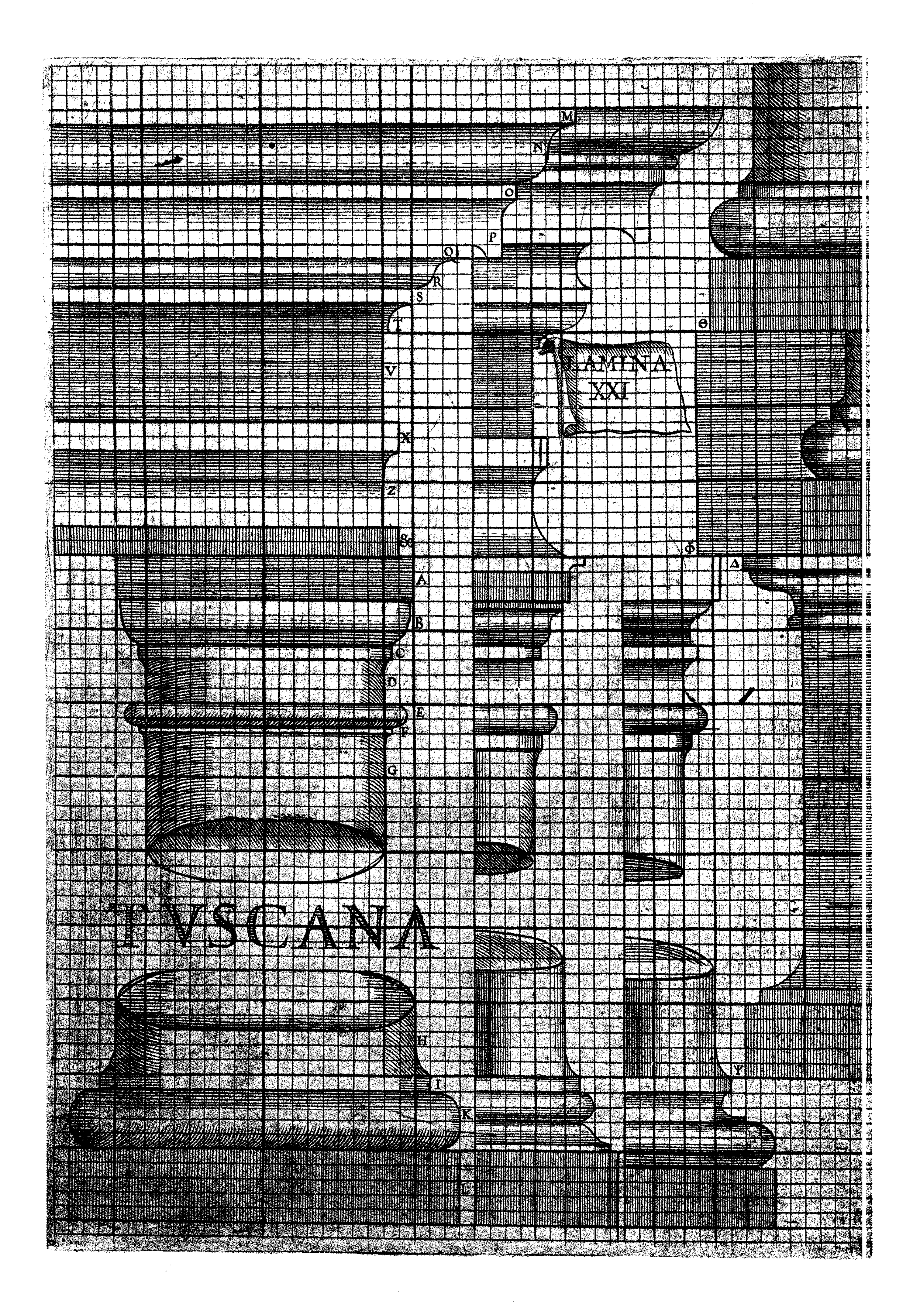

Figura I.
E
G
G
F
H
H
F
D
D
A
C
LAMINA
XVI
Fig. II.
A
B
Fig. III.
C
B
B
A
A
D
D

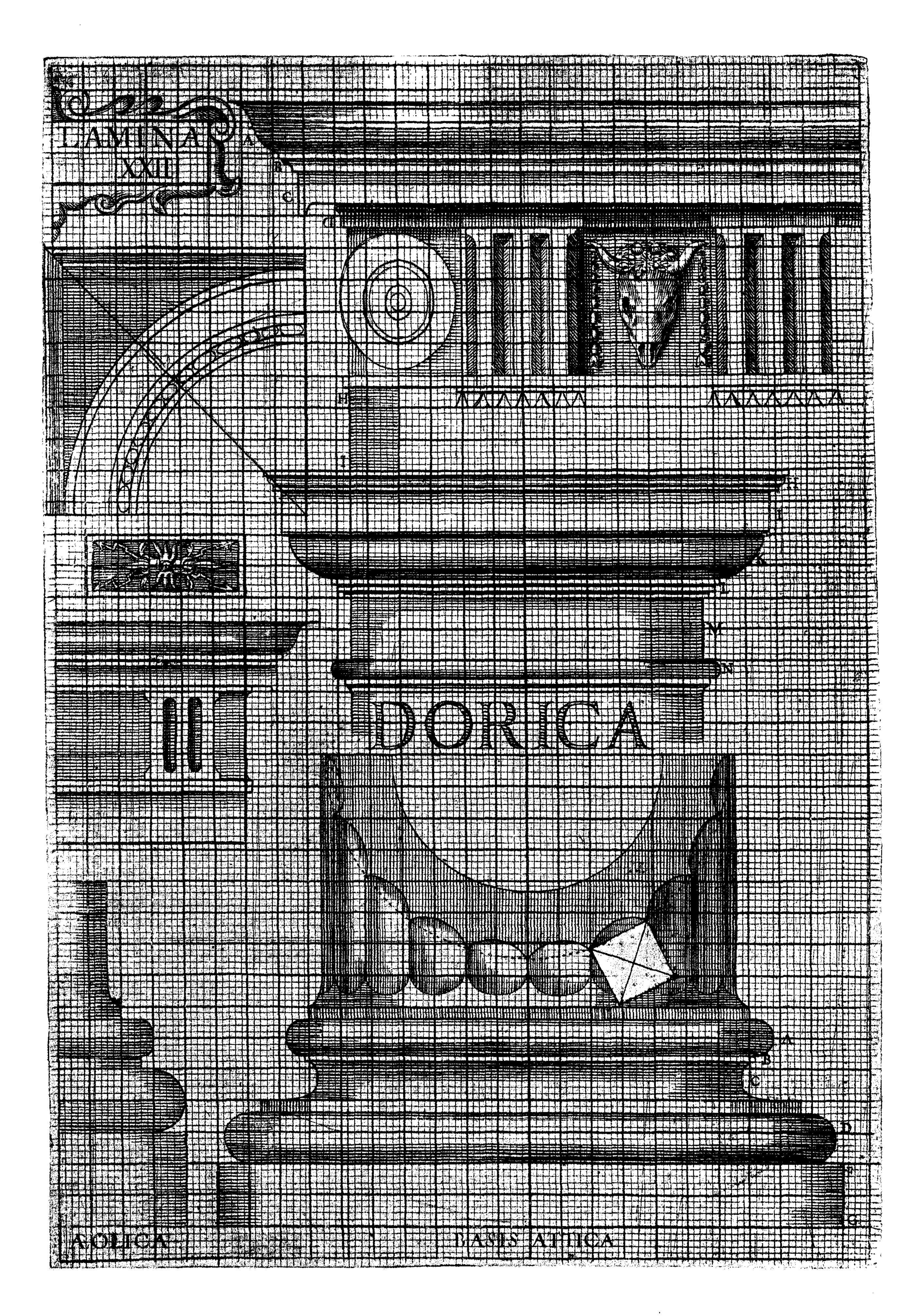

ARTIS ARCHITECTONICÆ ELEMENTA
Cymatia
Gulæ rectæ
seu
Sigmata
Gulæ inversæ
Echini
Emersus
Submersus
Immersus
Rectus
Antechini
Supercilium
Exiliens
Abundans
Deficiens
Rectus
Fastigium
Fastigium
Circulare
Triangulare
Tympanum
Astragali
Tori
Superci-
-lium
cilium
Scotia
Canales
LAMINA XVII

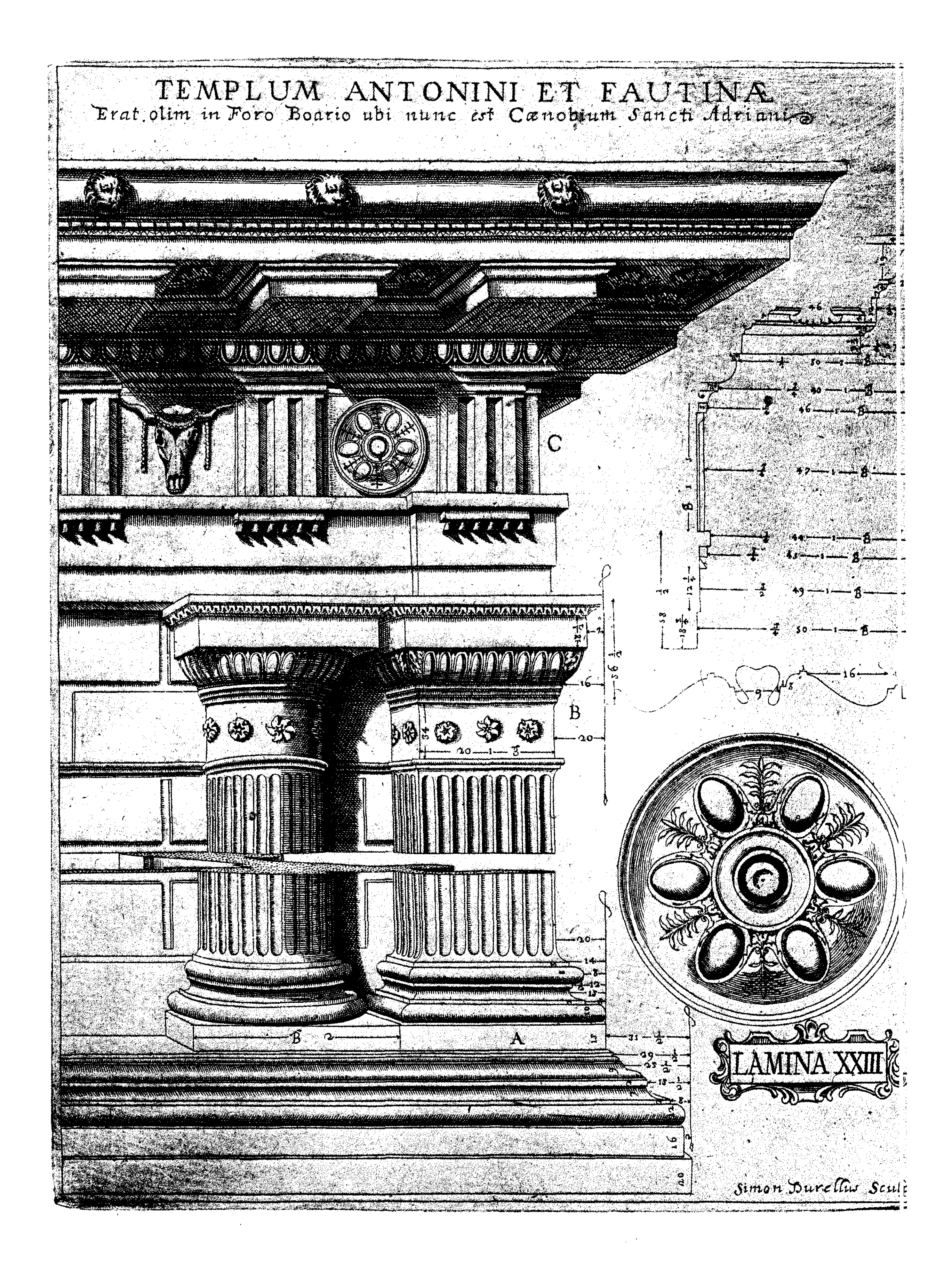

LAMINA XVIII.
EXHIBET
DVAS COLVMNAS
QVÆ FVERVNT
ANTE TEMPLVM
ERECTÆ
AD CVIVS NORMAM
CÆTERÆ
SVNT FVSÆ
AVT
DEDOLATÆ
ACHIN
BOOZ

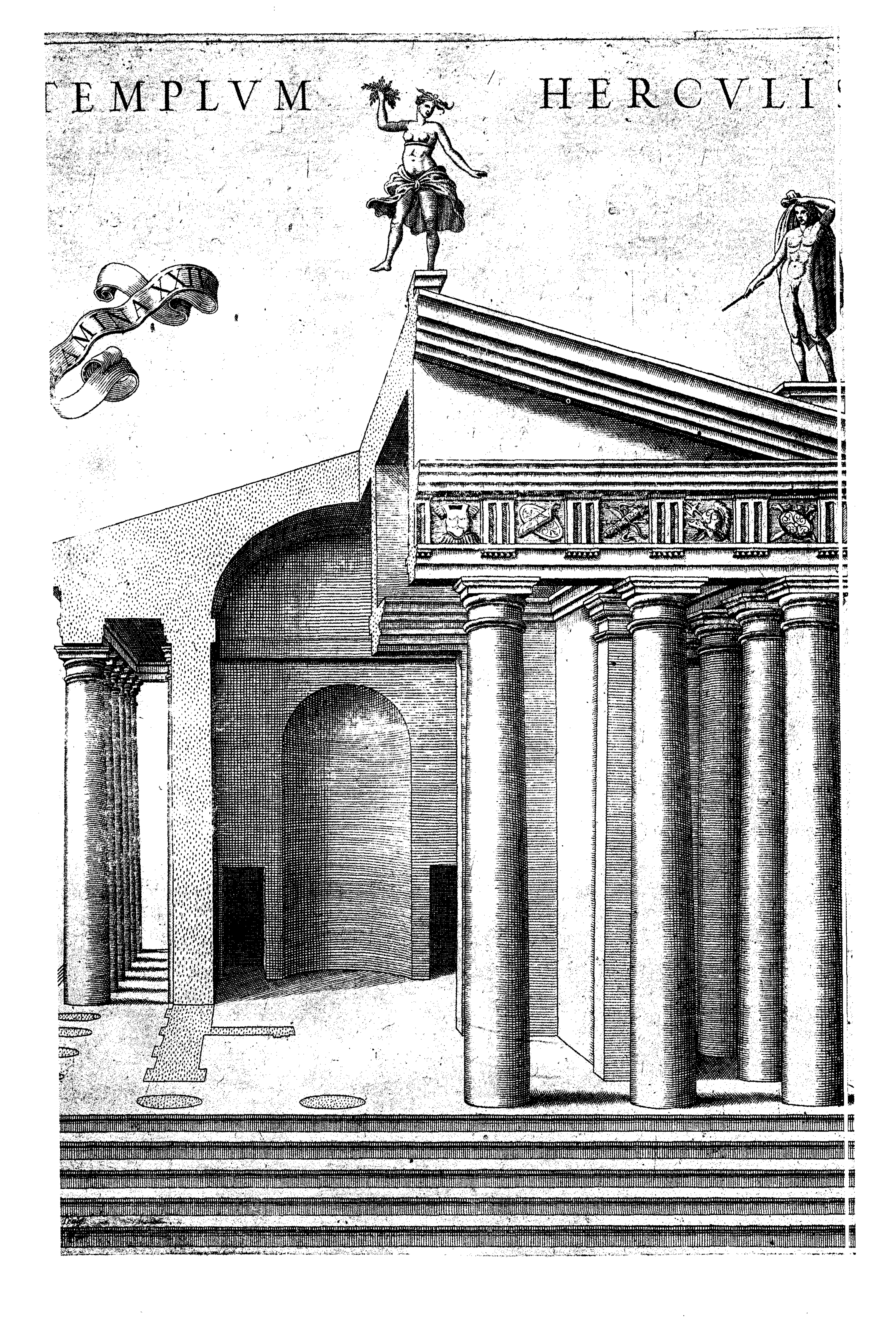

LAMINA
XIX
QVINQVE COLVMNARVM ORDINES
TVSCA NA
DO RICA.
IONI CA.
CO RINT.
COM POS.

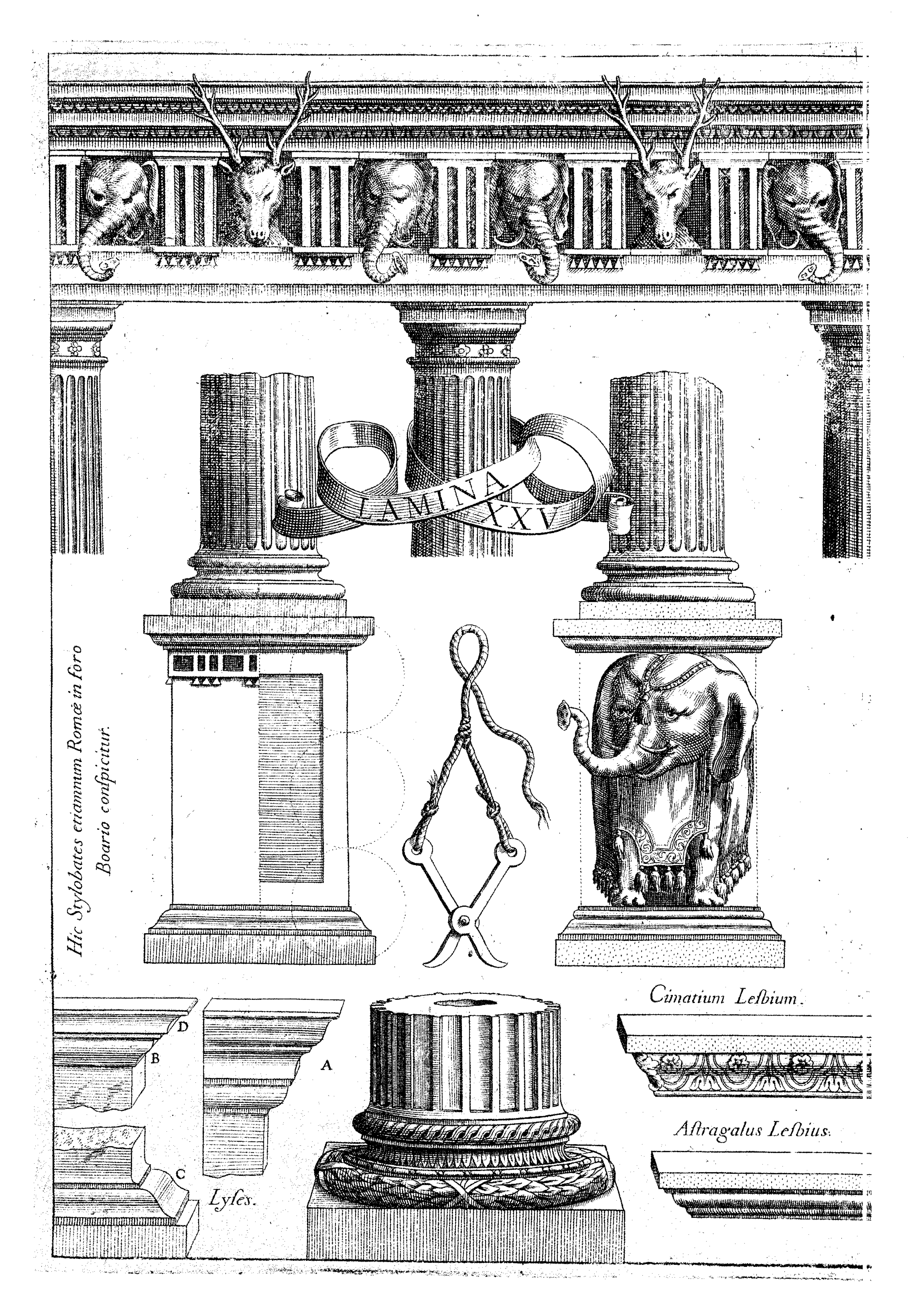

B
A
Composita
V
Corinthia
IV
Ionica
III
Dorica
II
Toscana
I
LAMINA XX

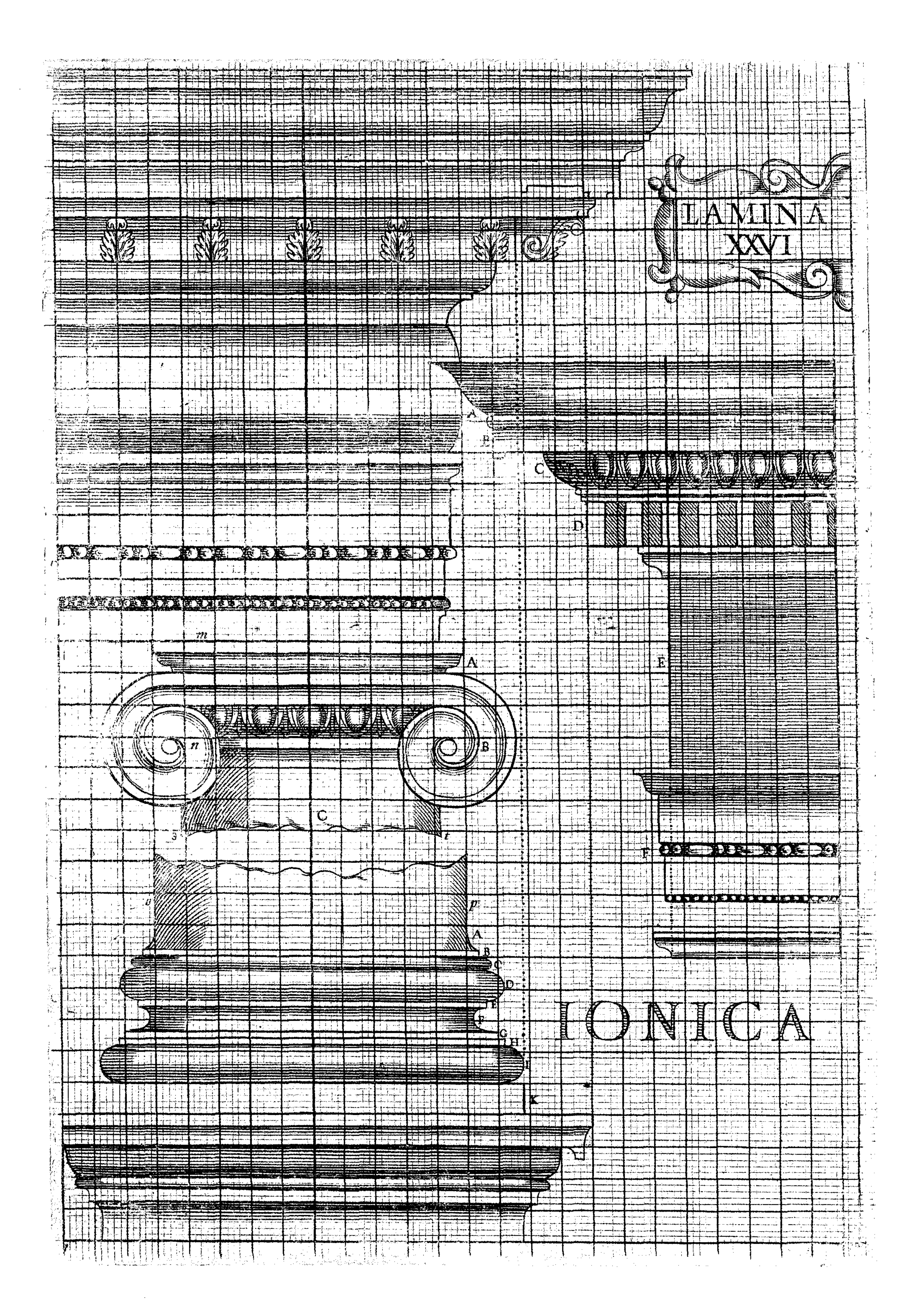

LAMINA
XXI
TVSCANA
M
N
O
P
Q
R
S
T
V
X
Z
&
A
B
C
D
E
F
G
H
I
K
L
Θ
Φ
Δ
Υ

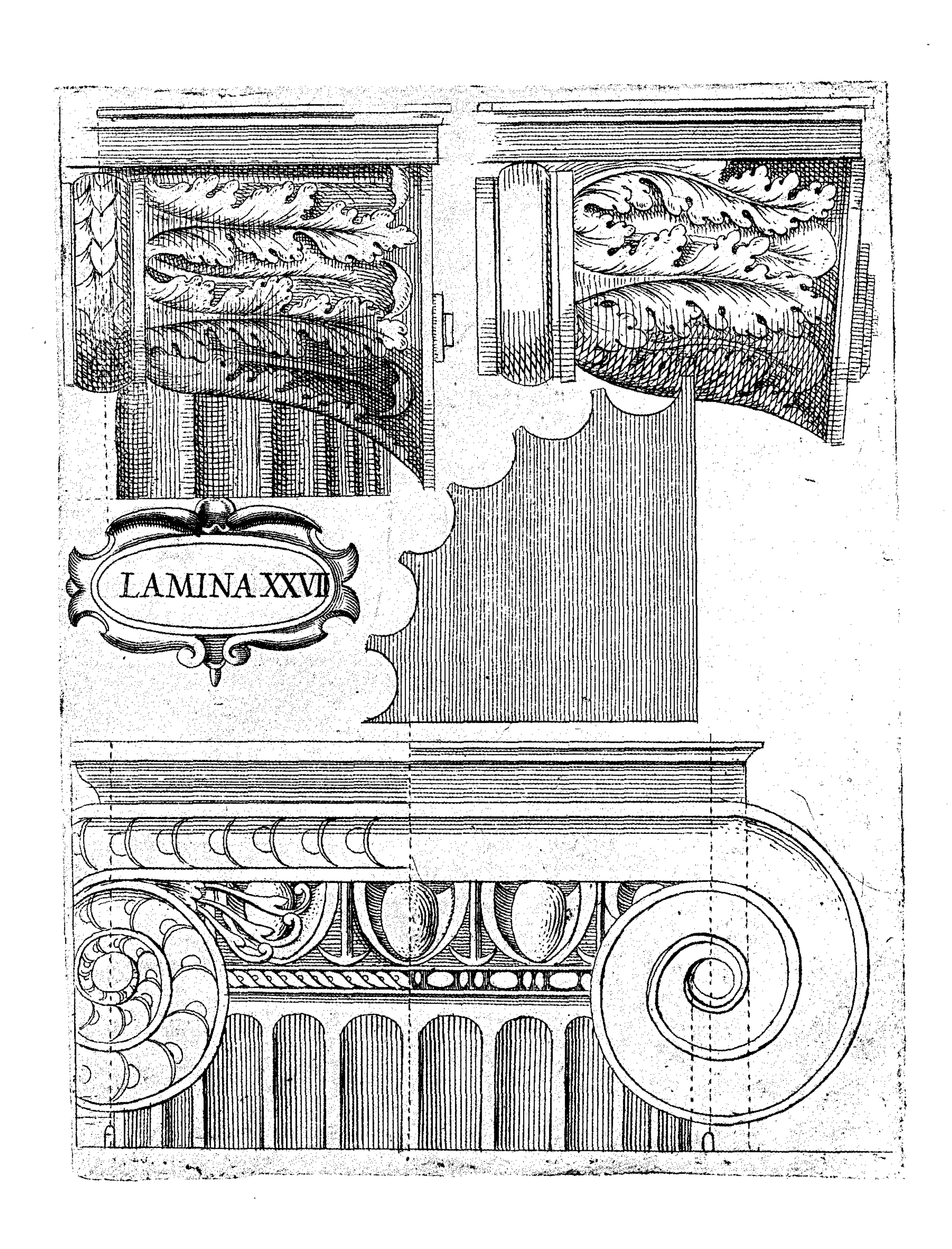

LAMINA
XXII.
DORICA
AOLICA
BASIS ATTICA

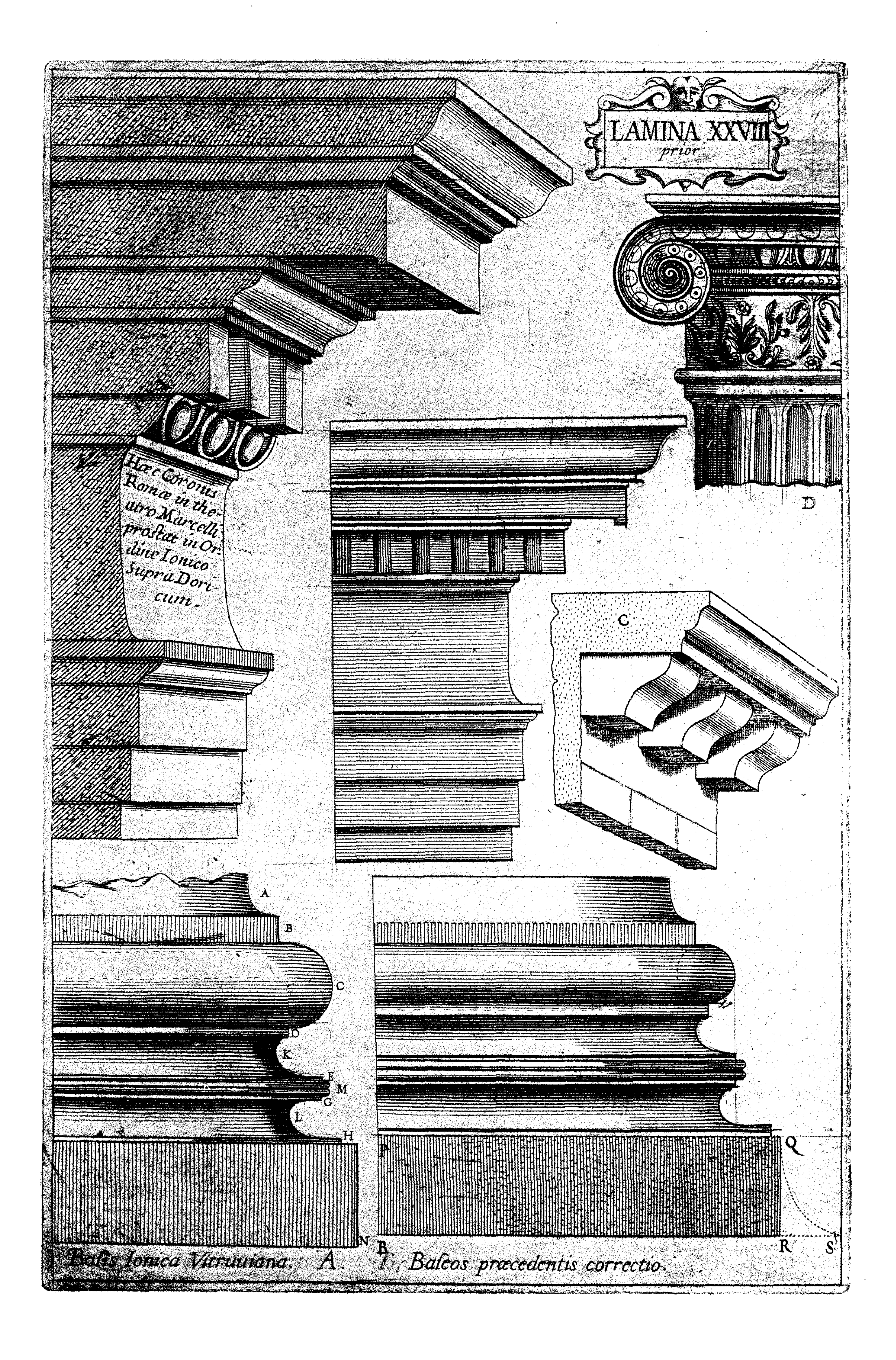

TEMPLUM ANTONINI ET FAUTINÆ
Erat olim in Foro Boario ubi nunc est Cænobium Sancti Adriani
C
B
A
LAMINA XXIII
Simon Burellus Sculp

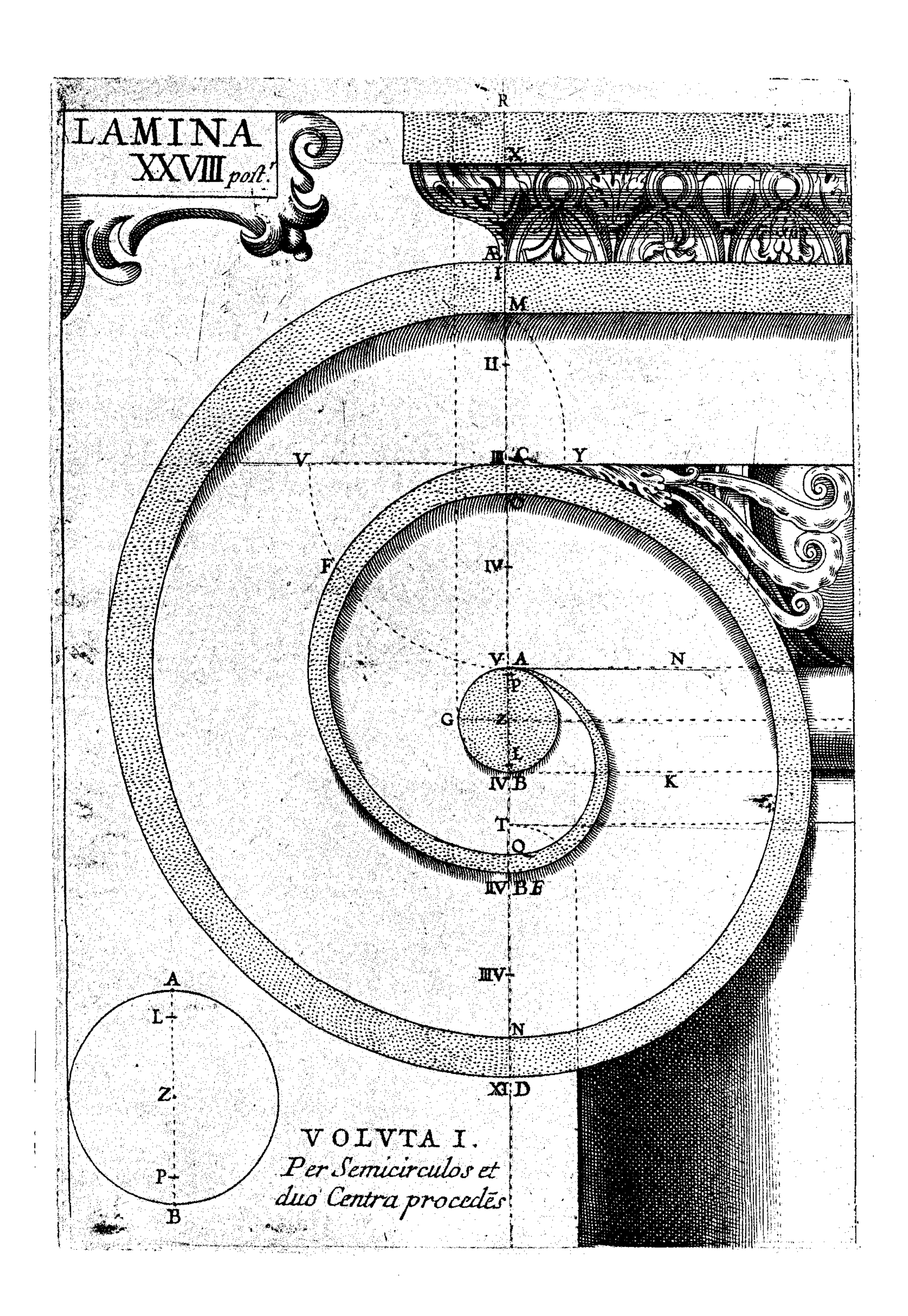

TEMPLVM HERCVLIS
AMNAXXII

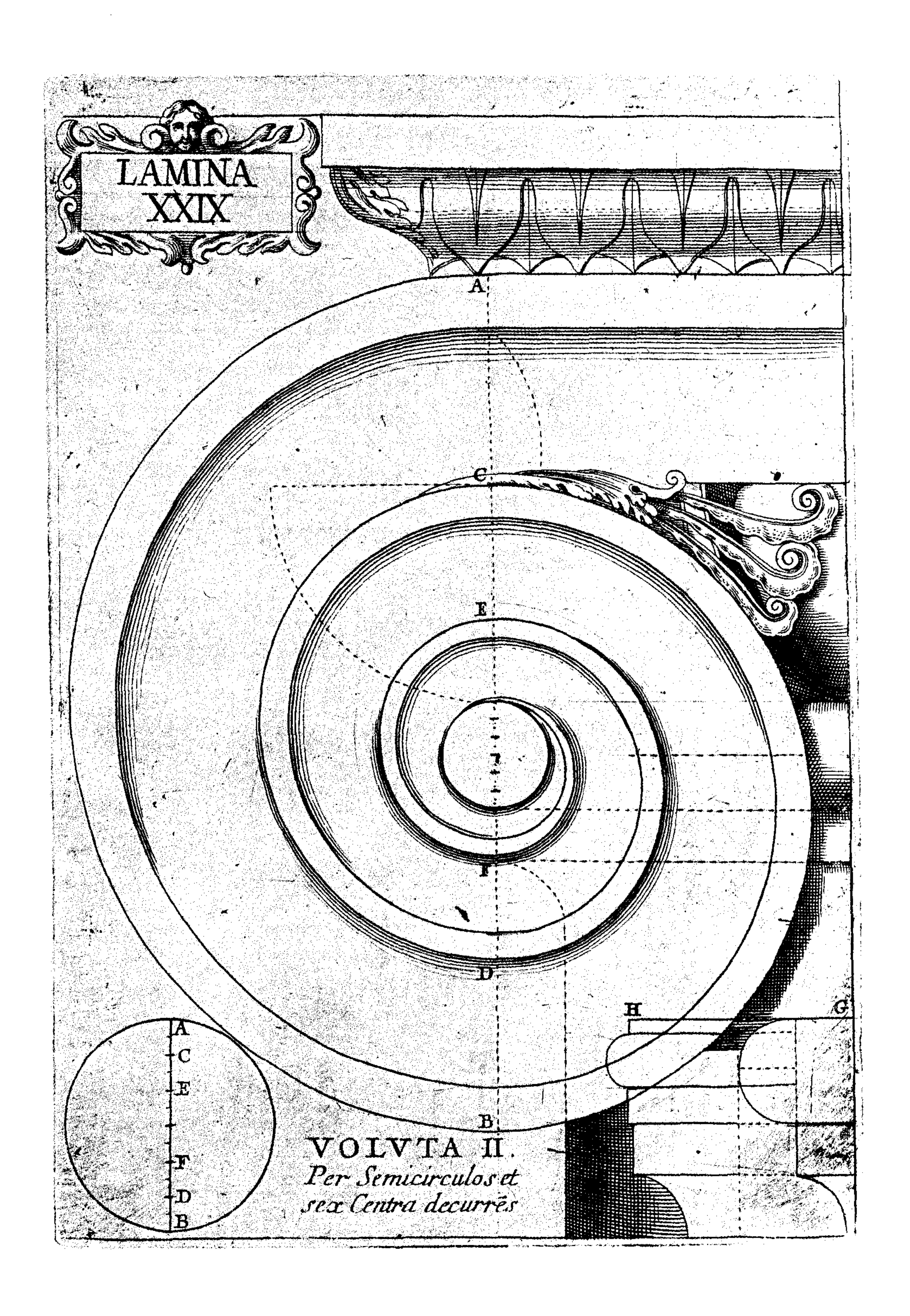

LAMINA XXV
Hic Stylobates etiamnum Romæ in foro Boario conſpicitur.
D
B
A
C
Lyſes.
Cimatium Leſbium.
Aſtragalus Leſbius.

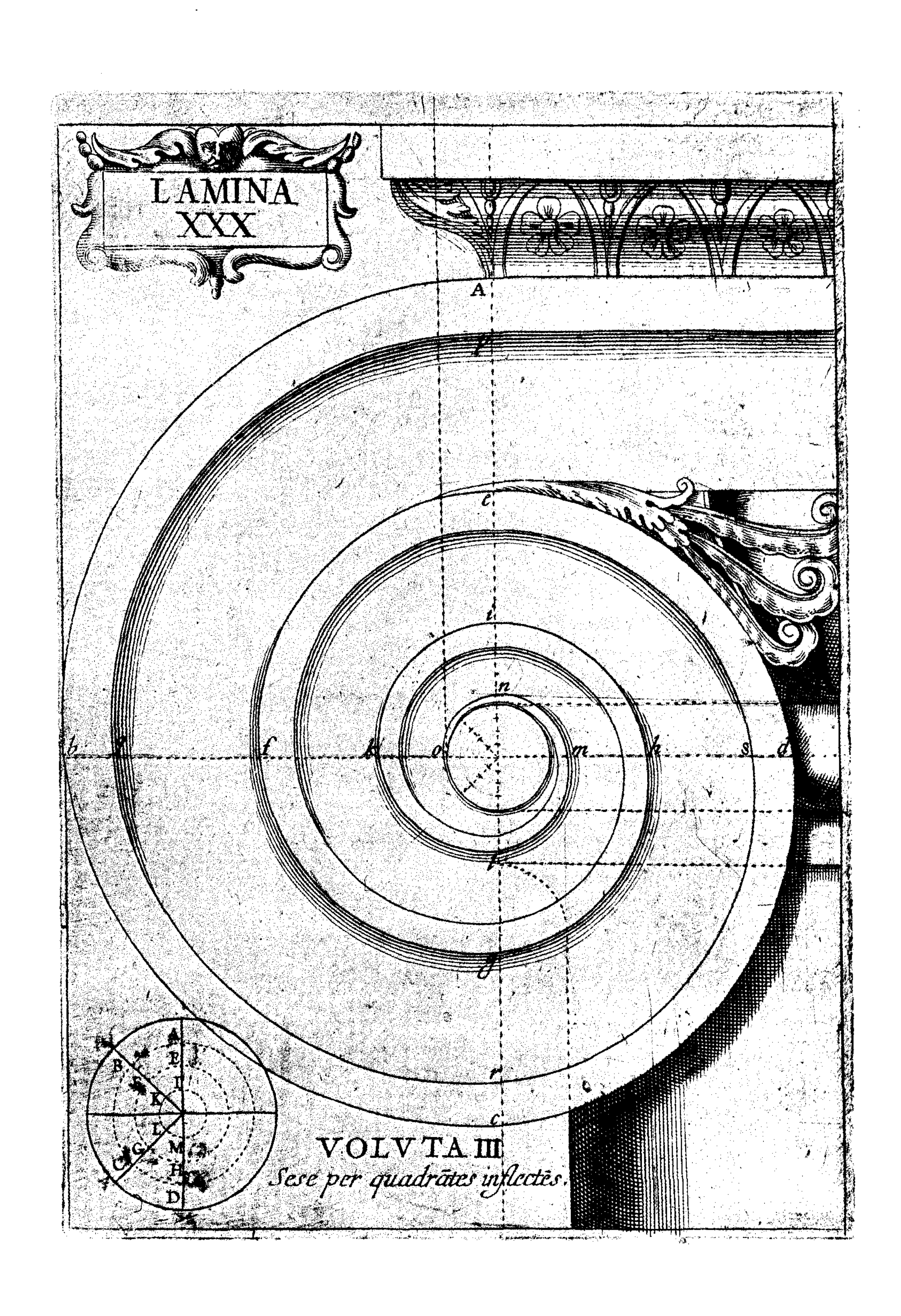

LAMINA
XXVI
IONICA
A
B
C
D
E
F
m
A
n
B
C
t
p
A
B
C
D
E
F
G
H
I
K

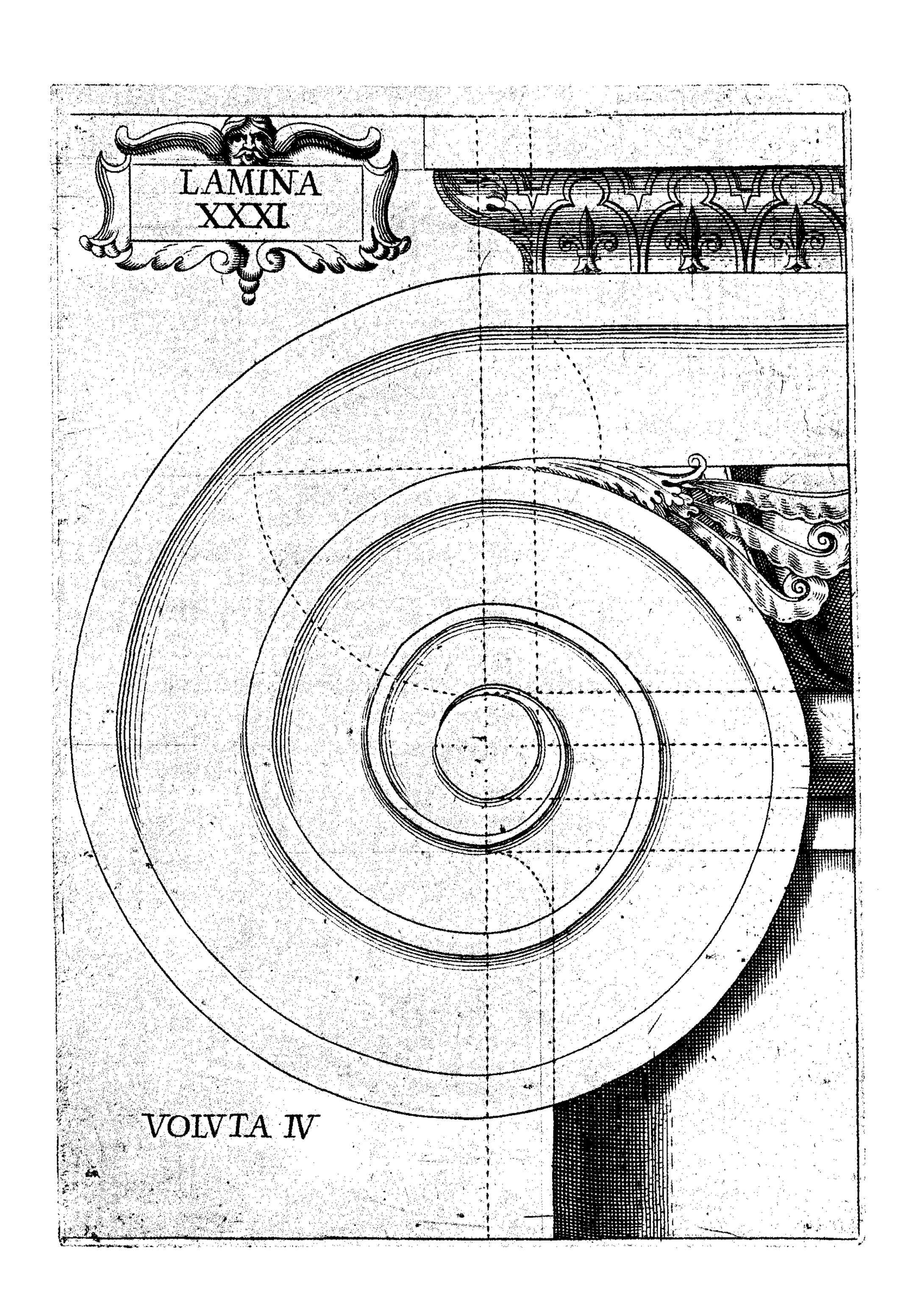

LAMINA XXVII

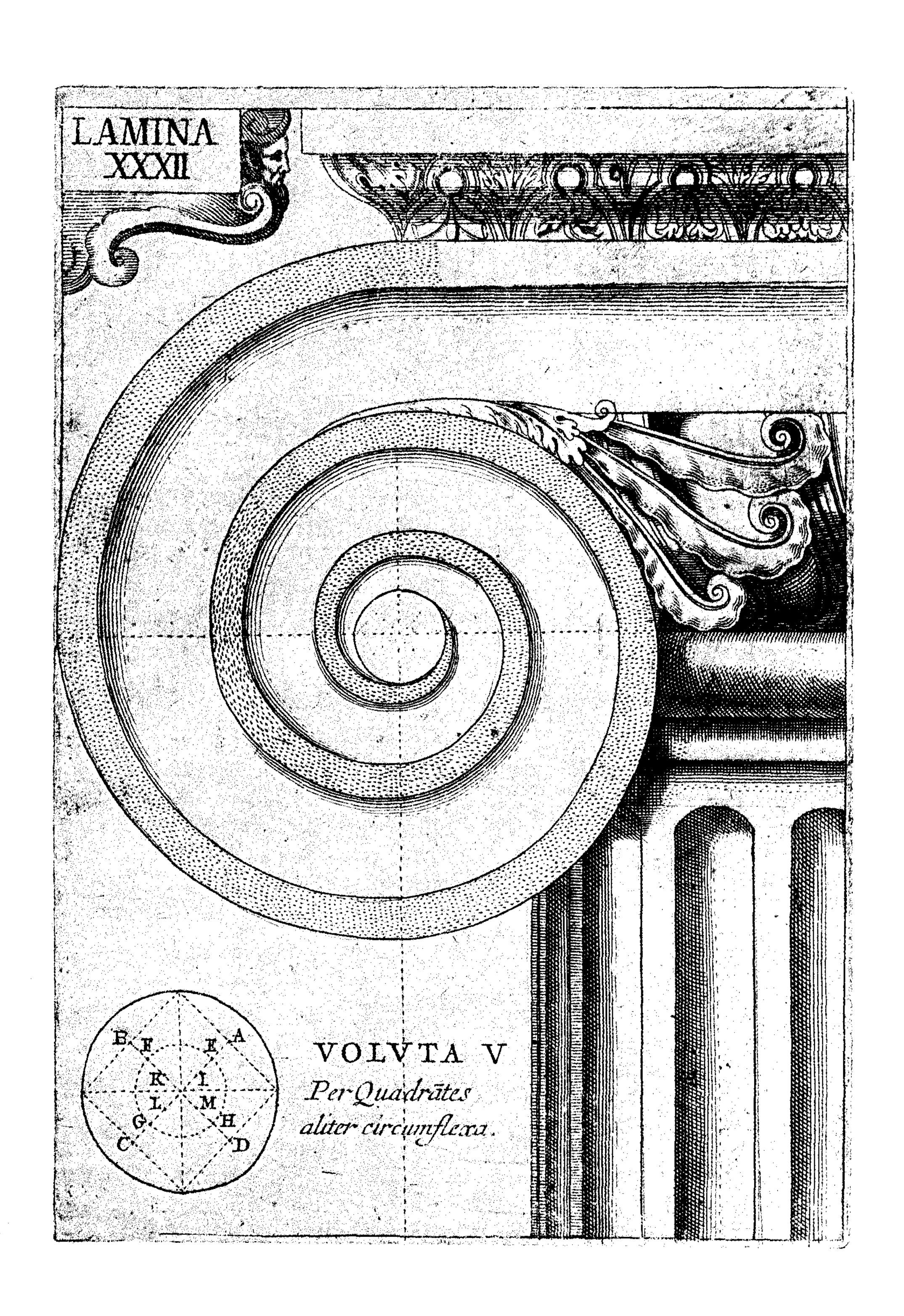

LAMINA XXVIII
prior
Hæc Coronis Romæ in theatro Marcelli prostat in Ordine Ionico Supra Doricum.
A
B
C
D
K
E
M
G
L
H
N
B
Q
R
S
D
C
Basis Ionica Vitruuiana. A. I. Baseos præcedentis correctio.

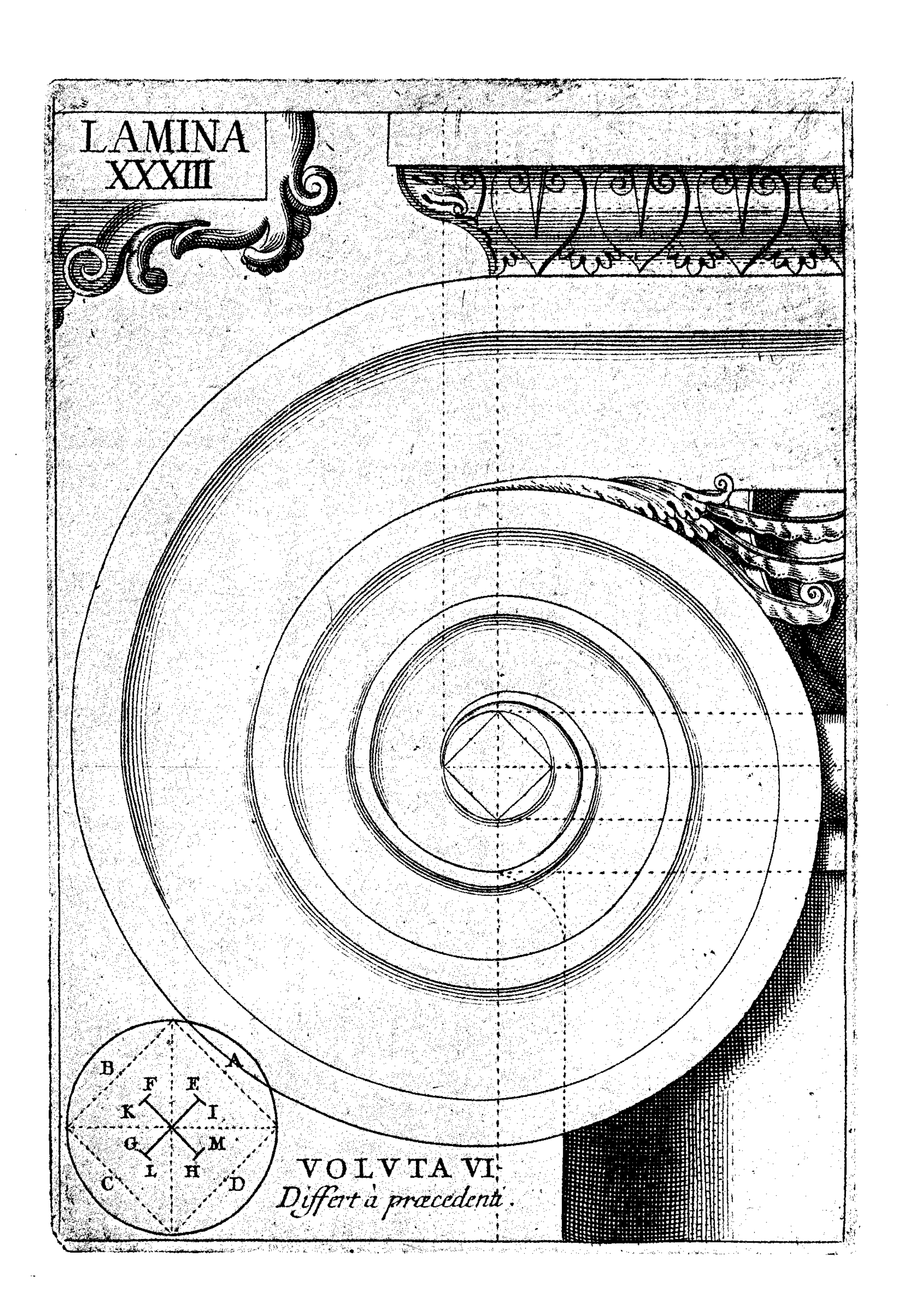

LAMINA
XXVIII post.
VOLVTA I.
Per Semicirculos et
duo Centra procedēs


LAMINA
XXIX
A
C
E
F
D
B
H
G
A
C
E
F
D
B
VOLVTA II.
Per Semicirculos et
sex Centra decurrēs

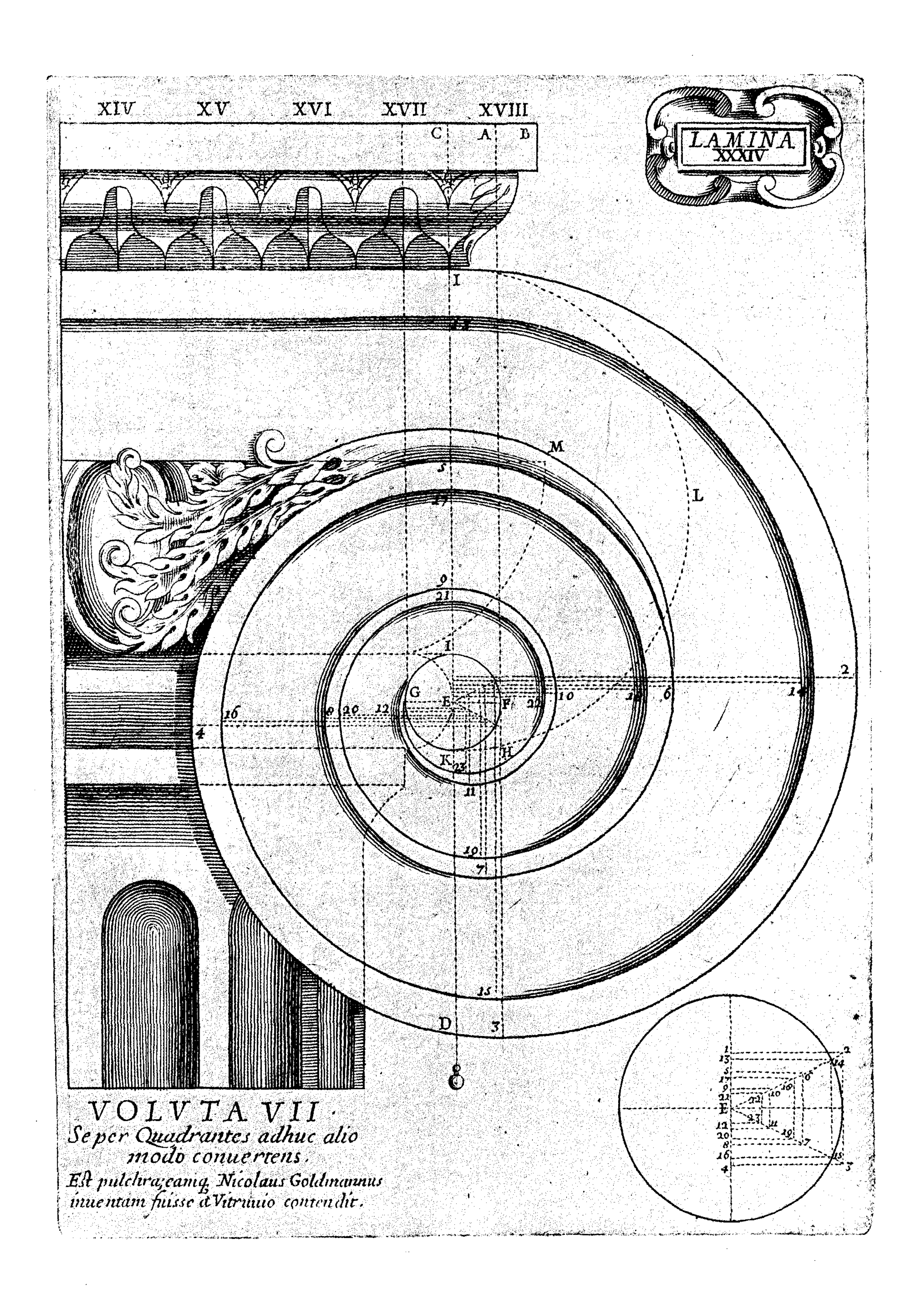

LAMINA
XXX
VOLVTA III
Sese per quadrãtes inflectẽs.

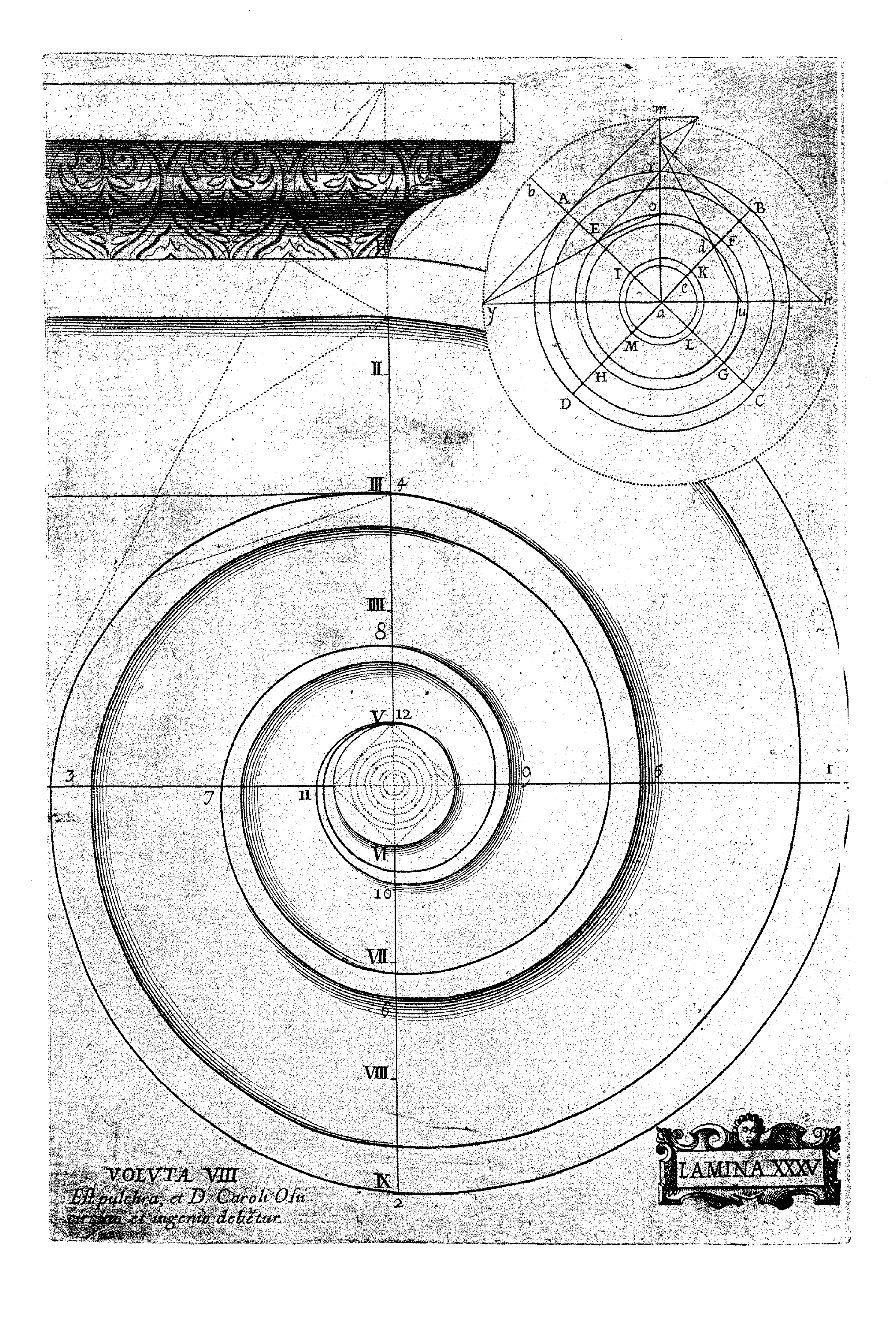

LAMINA
XXXI
VOLVTA IV


LAMINA
XXXII
B F E A
K I
L M
G H
C D
VOLVTA V
Per Quadrãtes
aliter circumflexa.

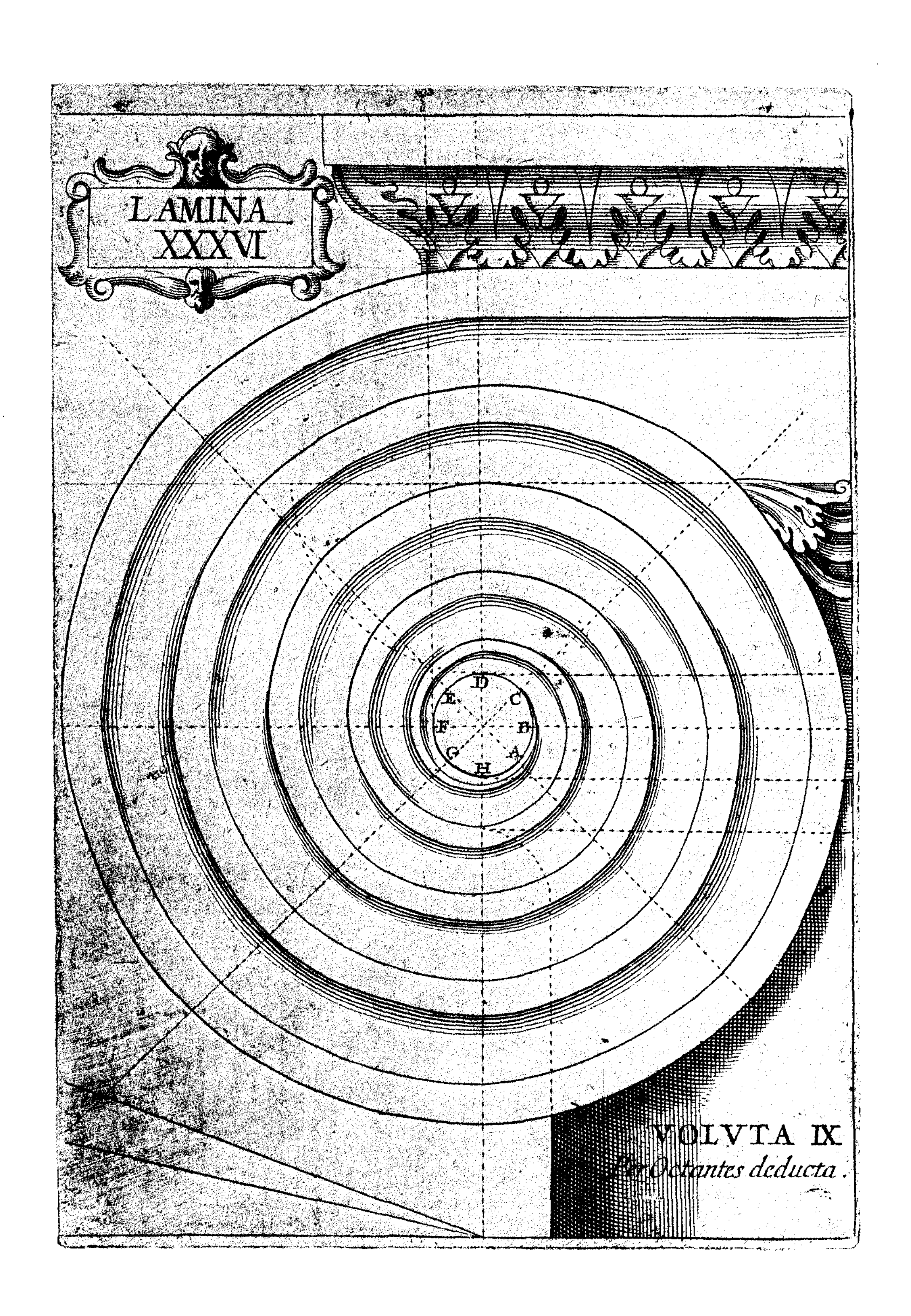


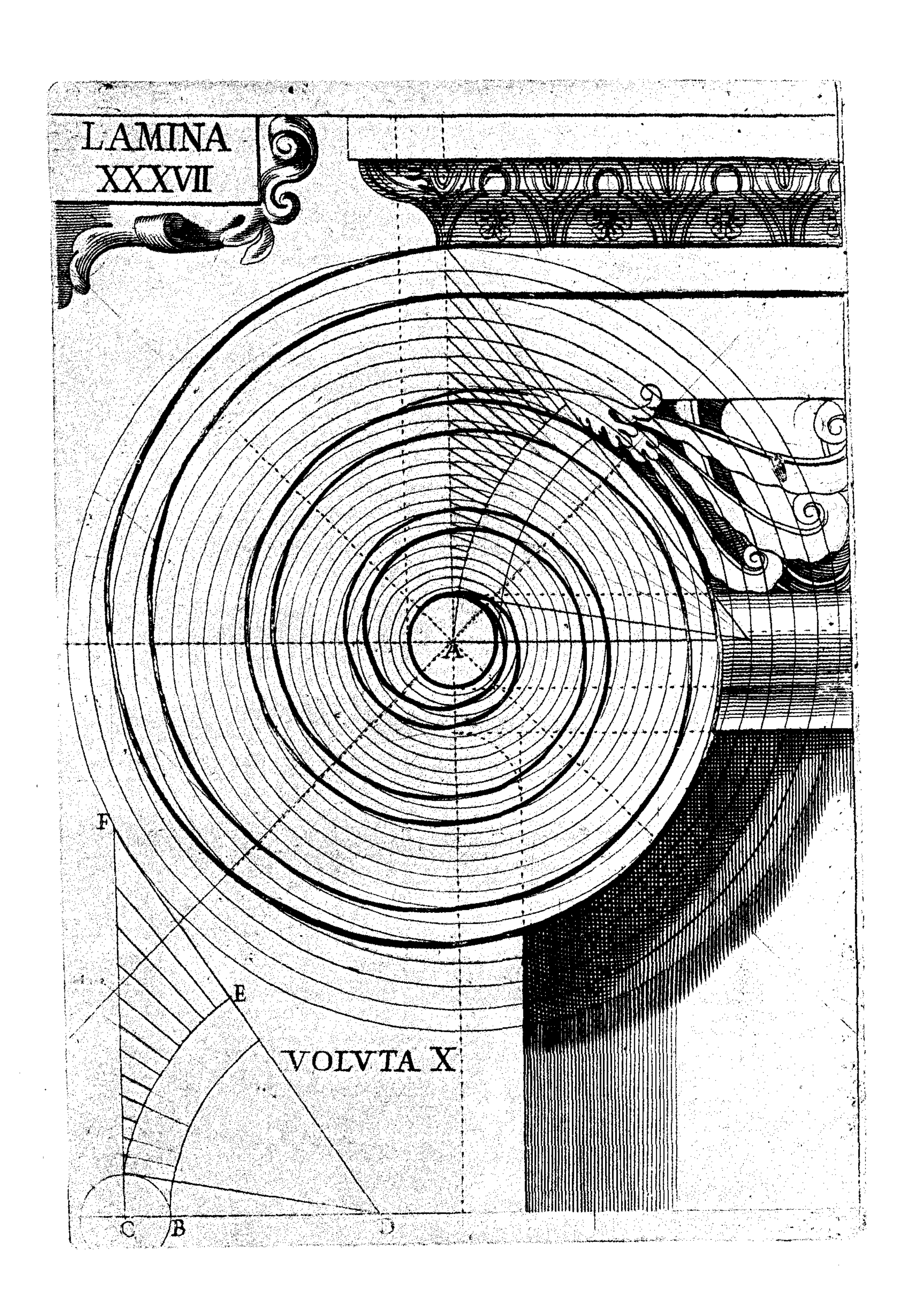
VOLVTA VI
Differt à præcedenti.

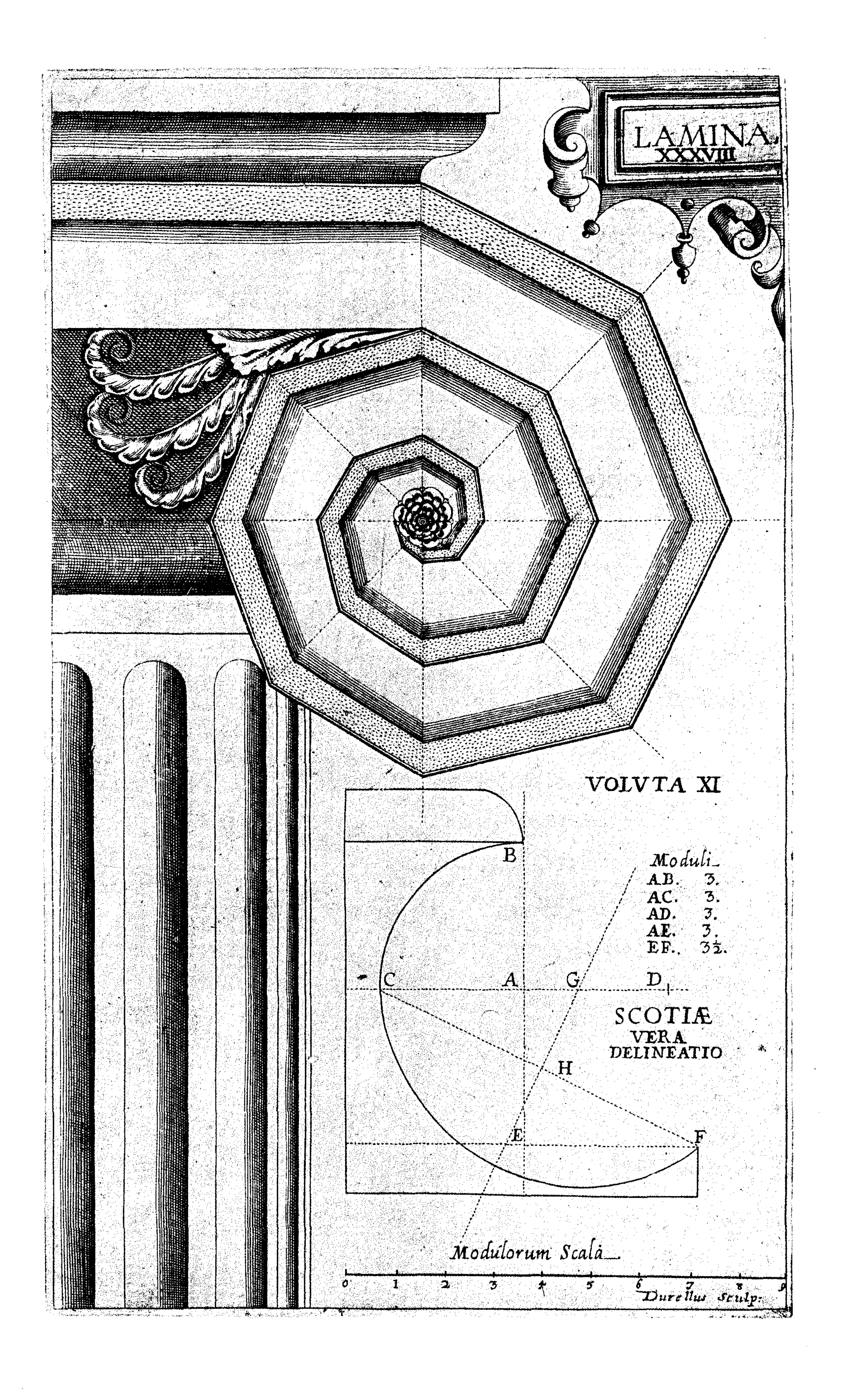

XIV
XV
XVI
XVII
XVIII
C
A
B
LAMINA
XXXIV
I
M
L
G
E
F
H
K
D
VOLVTA VII.
Se per Quadrantes adhuc alio
modo conuertens.
Est pulchra, eamq. Nicolaus Goldmannus
inuentam fuisse à Vitruuio contendit.

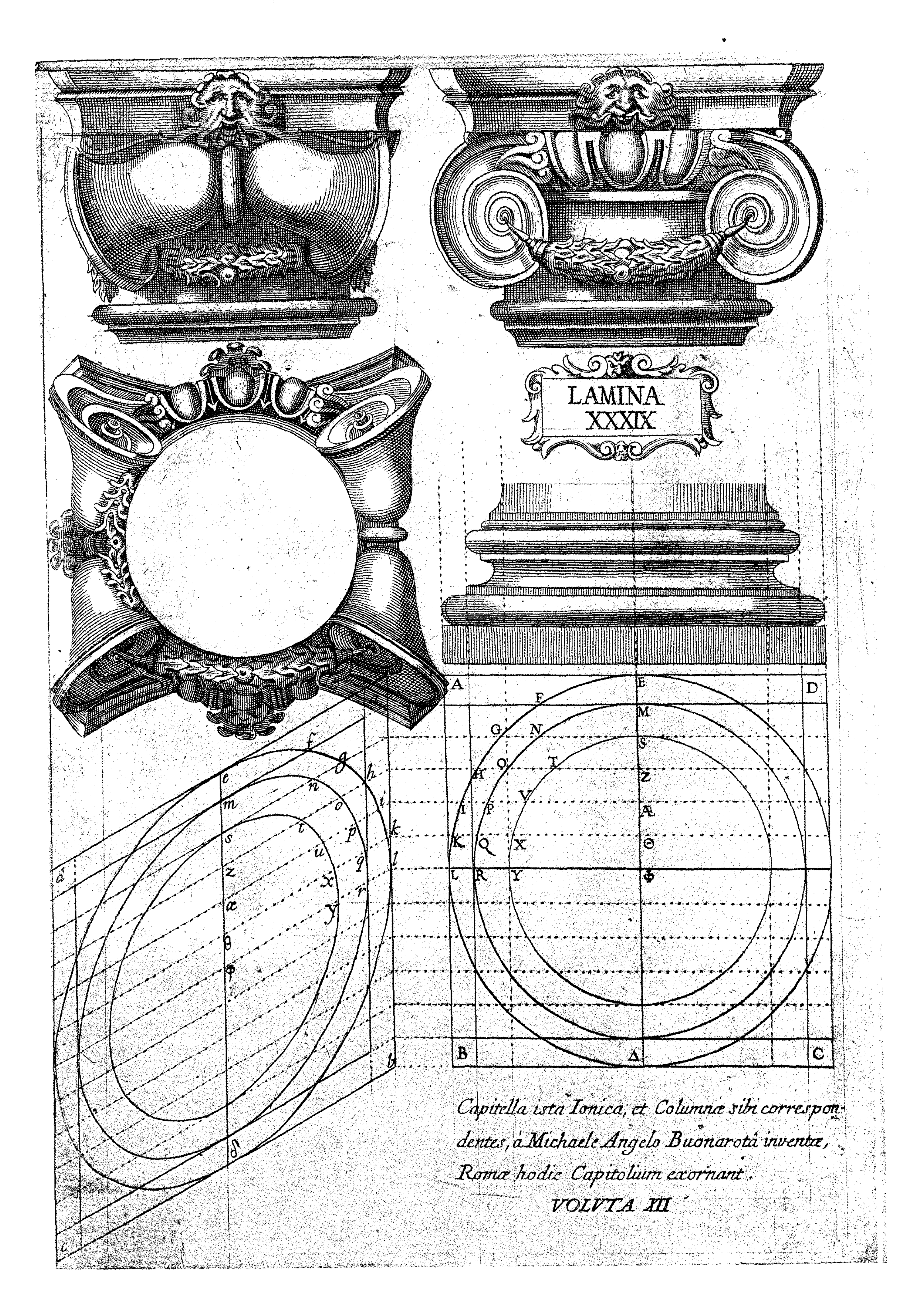


VOLVTA VIII
Est pulchra, et D. Caroli Osii circino et ingenio debētur.


LAMINA
XXXVI
D
E
C
F
B
G
A
H
VOLVTA IX
Per Octantes deducta.

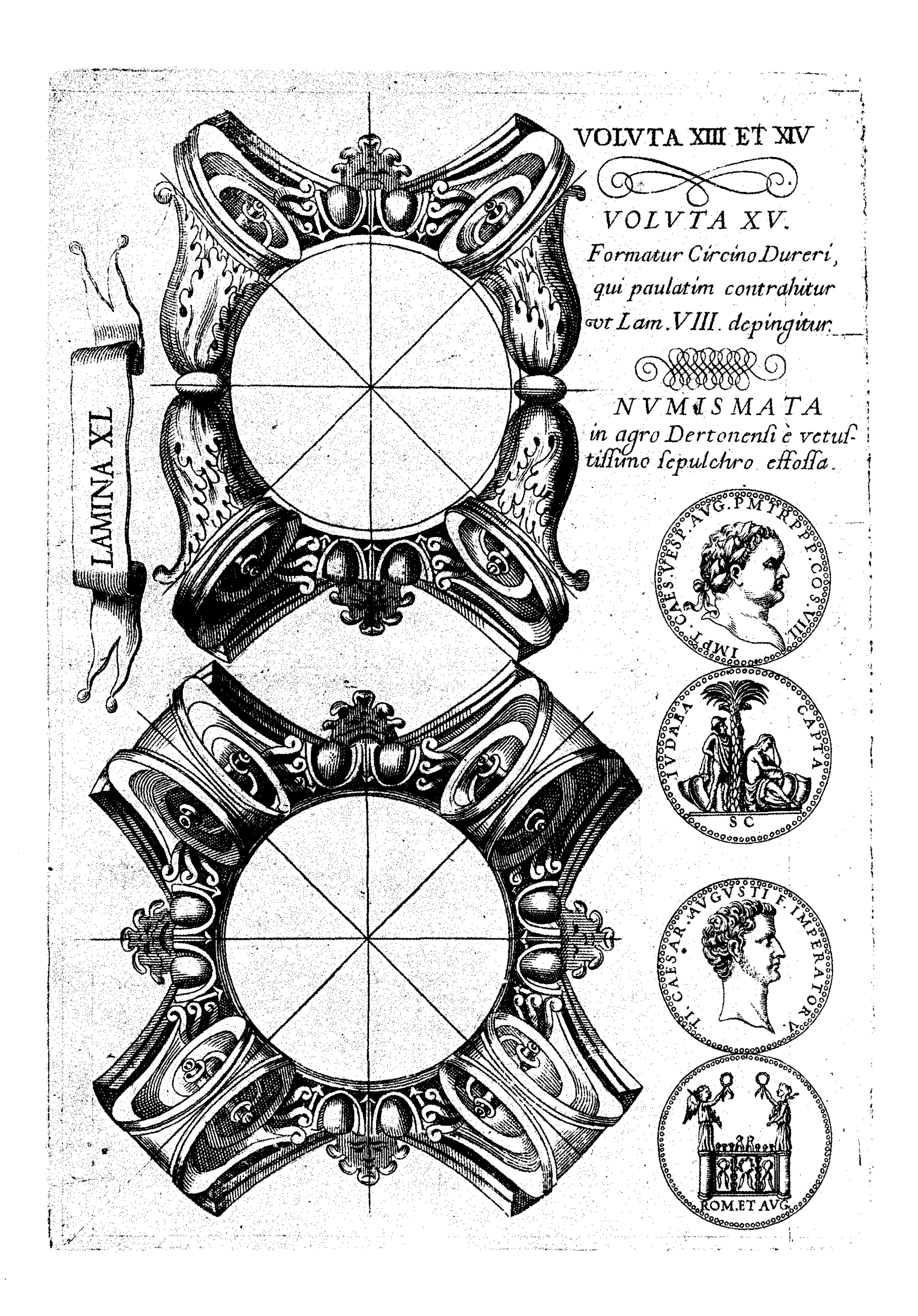

LAMINA
XXXVII
F
E
VOLVTA X
C
B
D

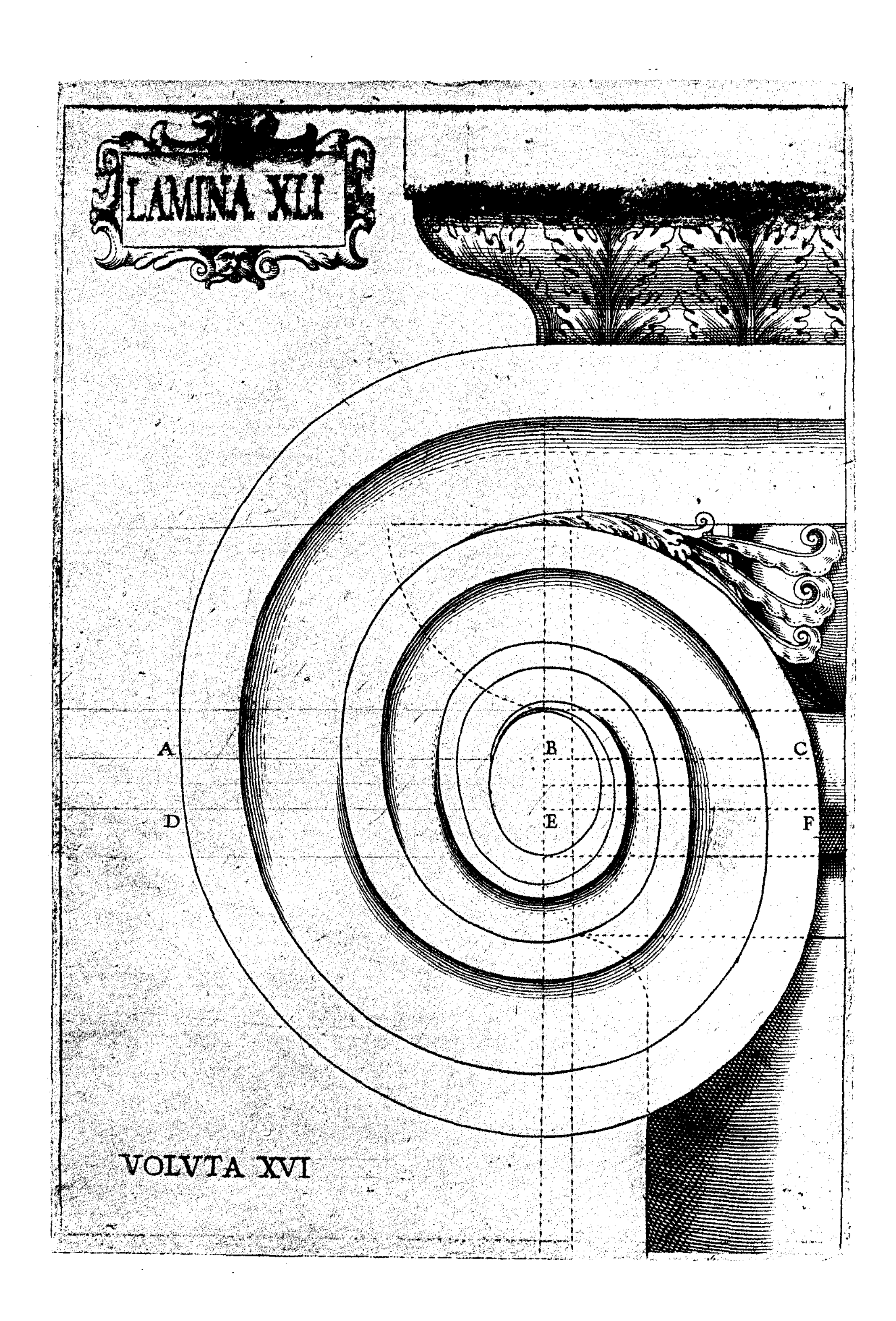

LAMINA
XXXVIII
VOLVTA XI
B
Moduli
AB. 3.
AC. 3.
AD. 3.
AE. 3.
EF. 3½.
C
A
G
D
SCOTIÆ
VERA
DELINEATIO
H
E
F
Modulorum Scalá
0 1 2 3 4 5 6 7 8 9
Durellus Sculp.

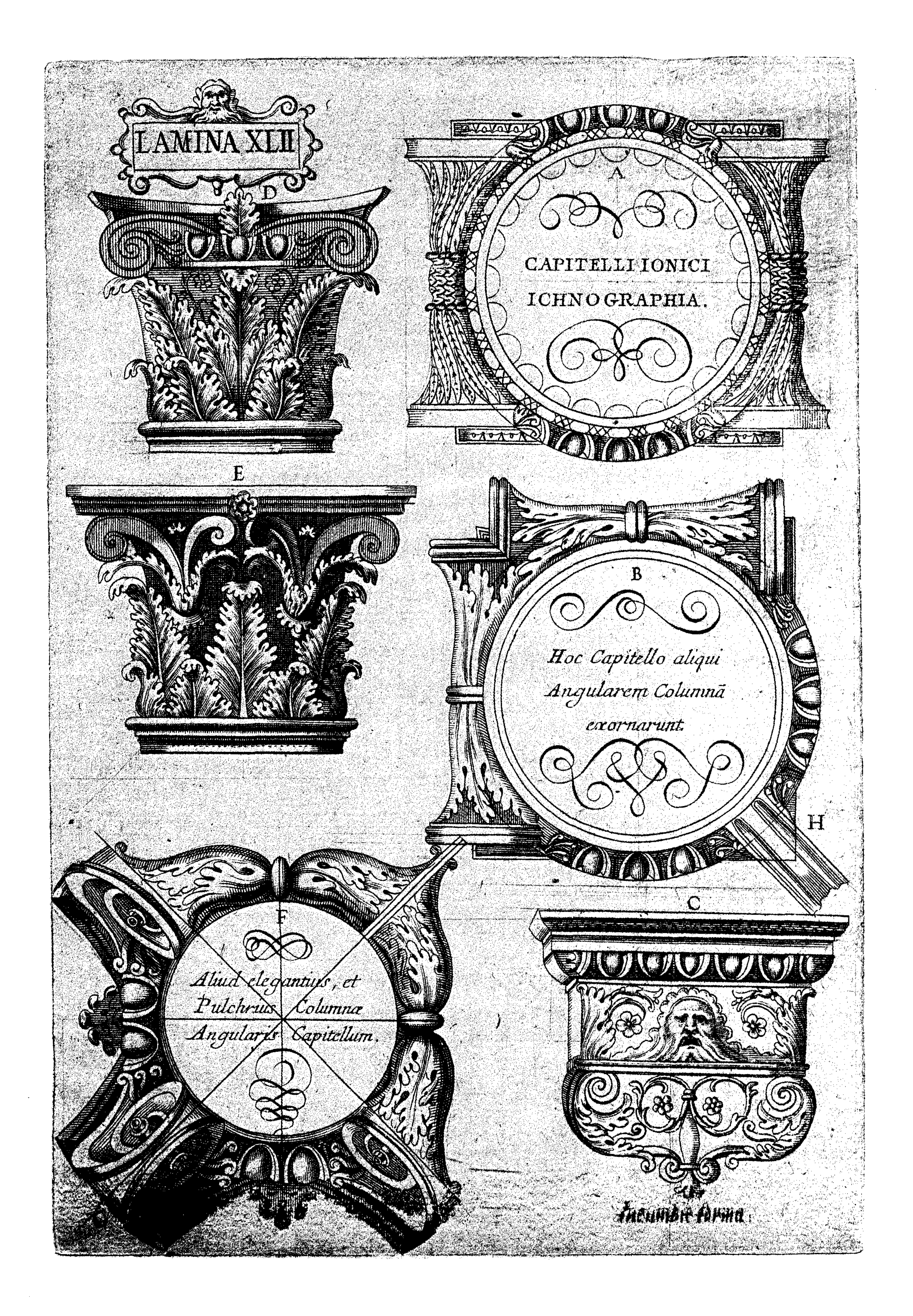


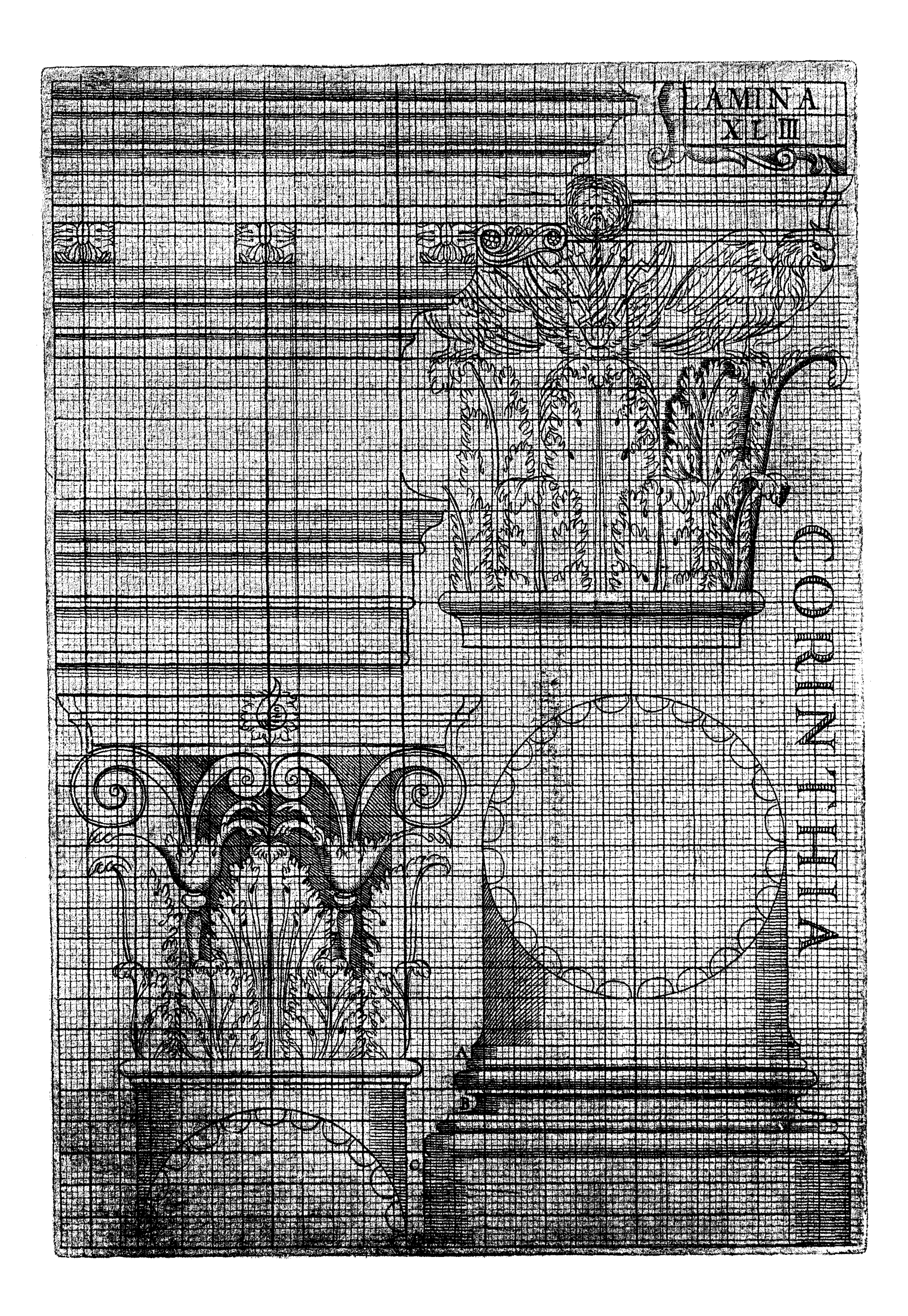
Capitella ista Ionica, et Columnæ sibi correspondentes, à Michaele Angelo Buonarotà inventæ, Romæ hodie Capitolium exornant.

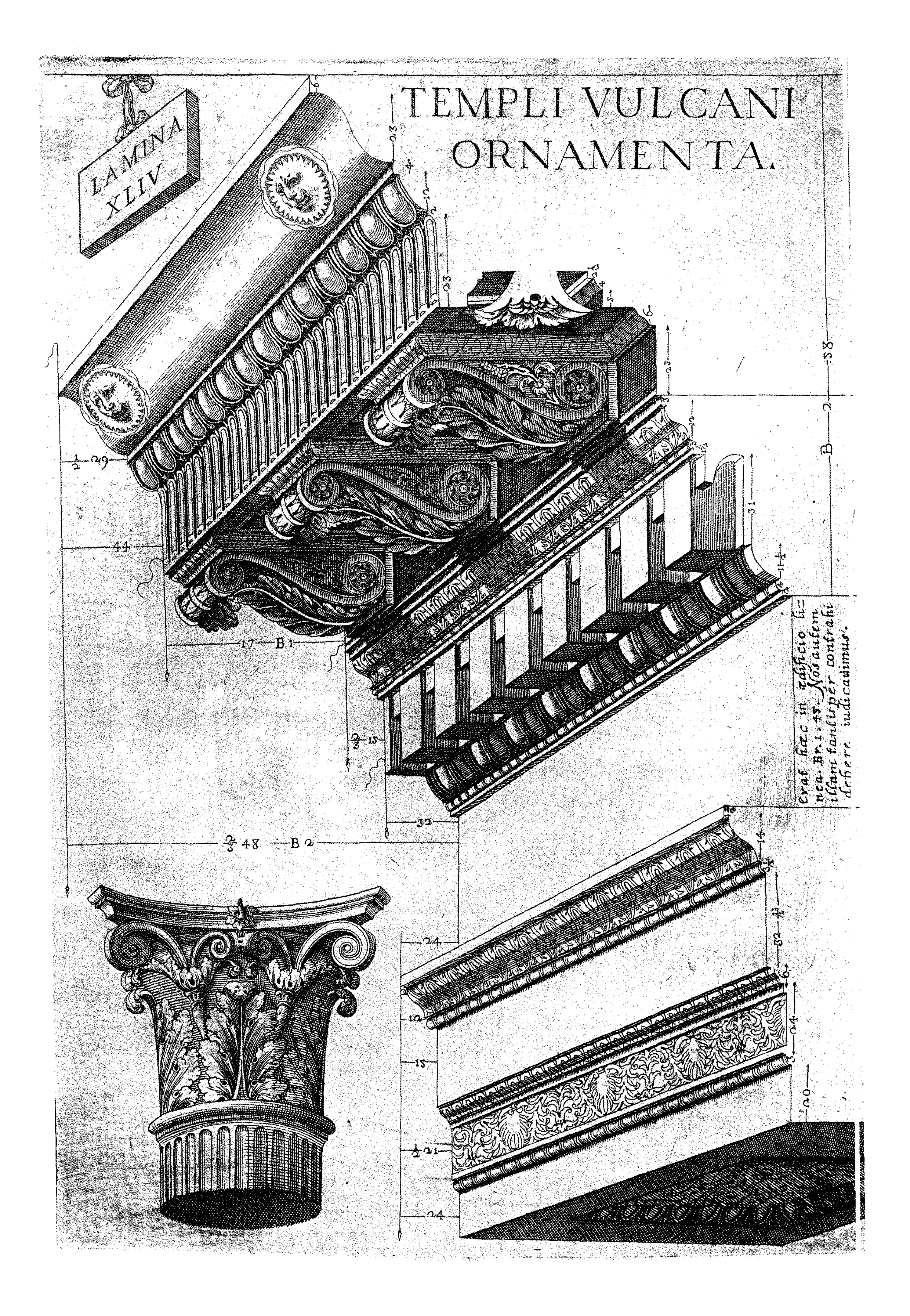
VOLUTA XII

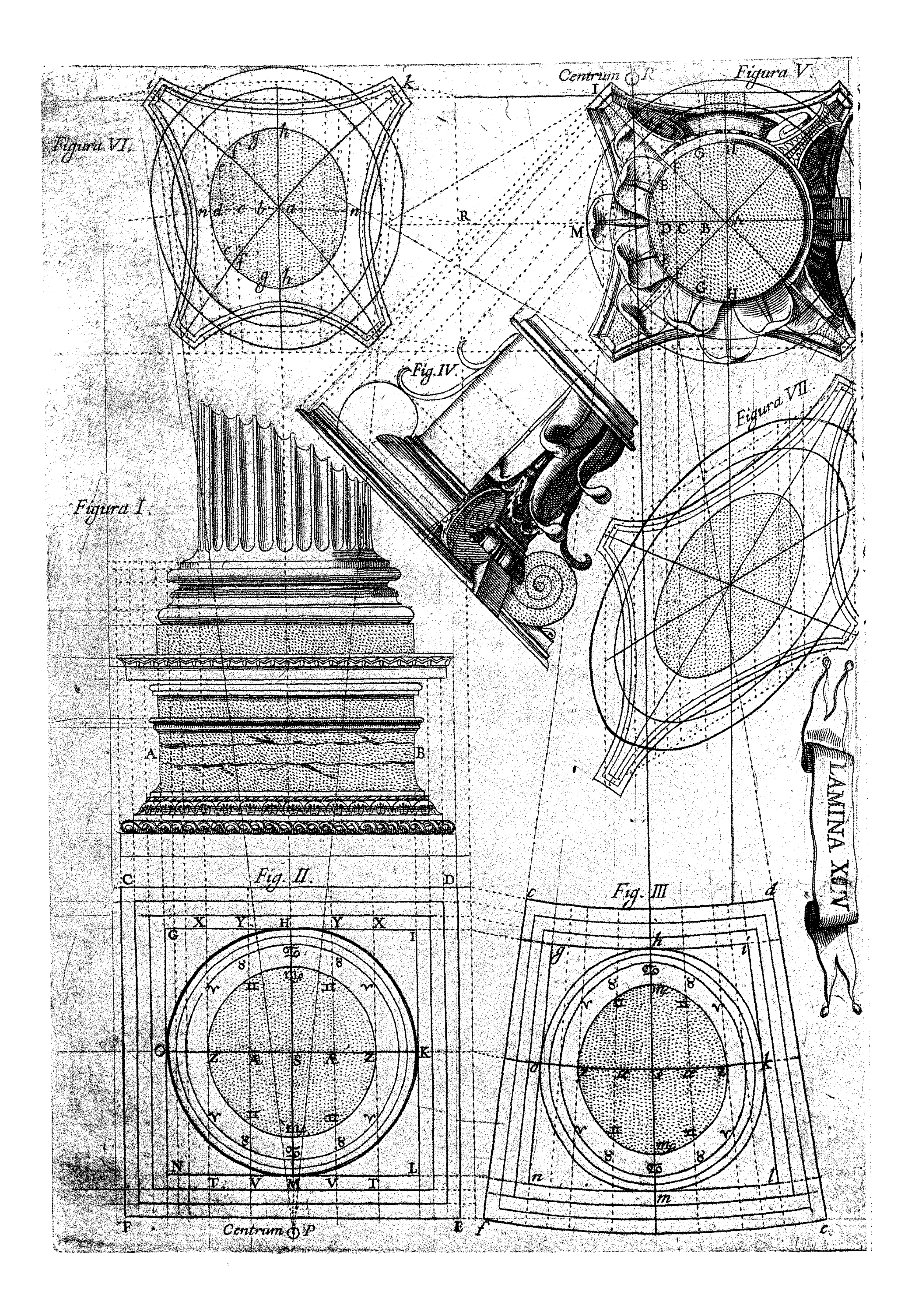

VOLVTA XIII ET XIV
VOLVTA XV.
Formatur Circino Dureri, qui paulatim contrahitur ut Lam. VIII. depingitur.
NVMISMATA
in agro Dertonenſi è vetuſtiſſimo ſepulchro effoſſa.
LAMINA XL
IMP.T.CAES.VESP.AVG.P.M.TR.P.P.P.COS.VIII
IVDAEA CAPTA
S C
TI.CAESAR.AVGVSTI F.IMPERATOR V.
ROM.ET AVG

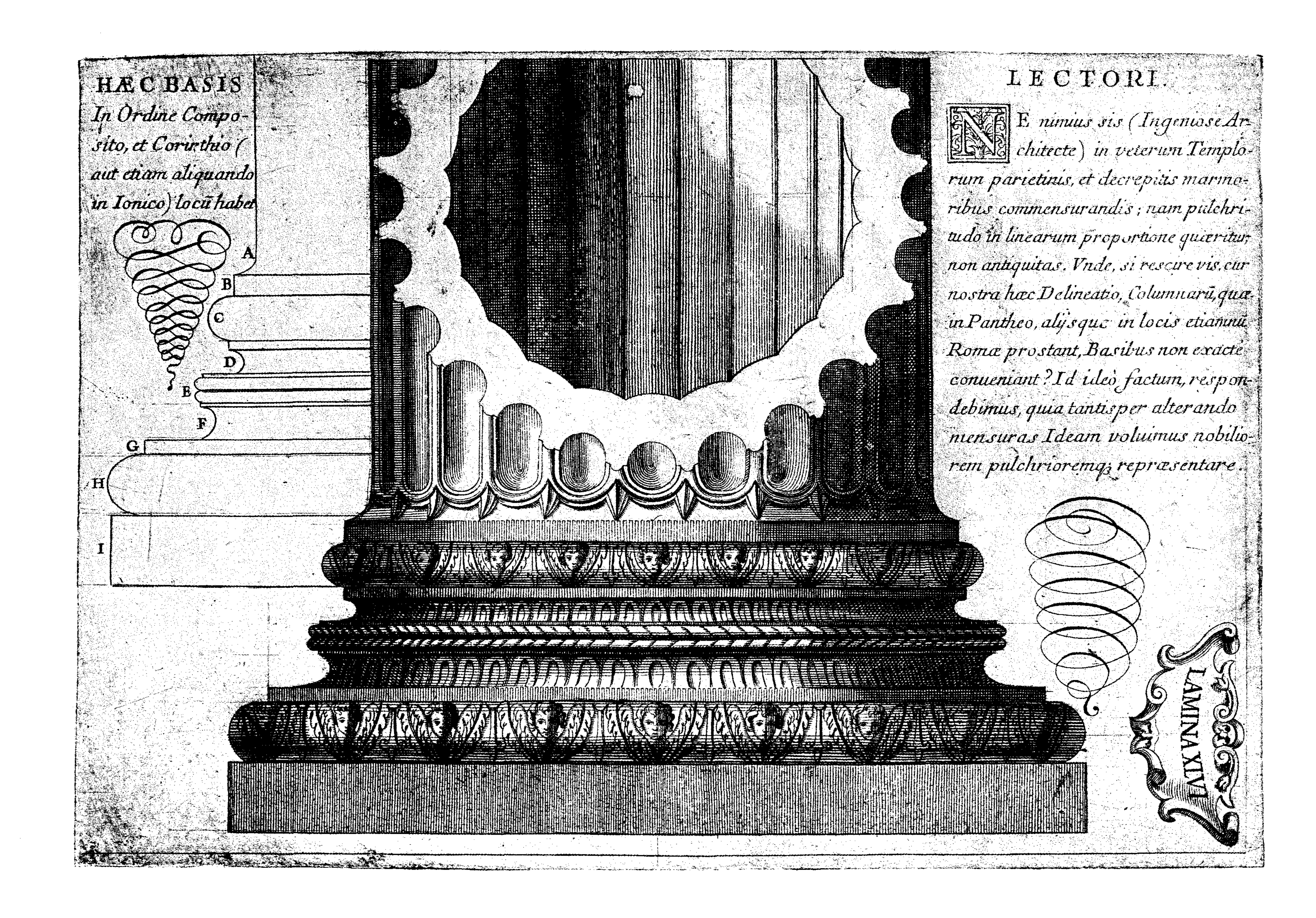

LAMINA XLI
A
B
C
D
E
F
VOLVTA XVI

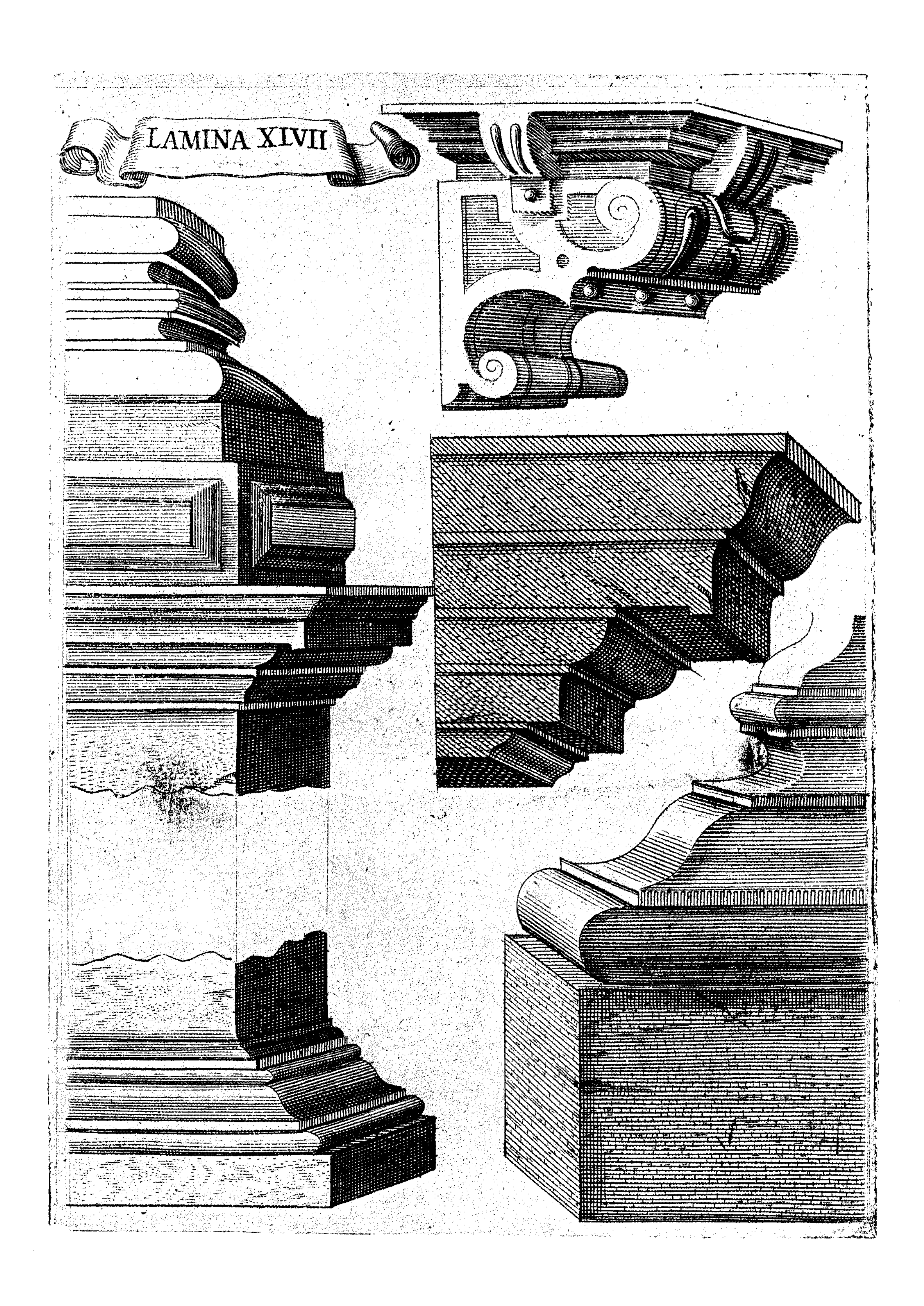

LAMINA XLII
D
A
CAPITELLI IONICI
ICHNOGRAPHIA.
E
B
Hoc Capitello aliqui
Angularem Columnã
exornarunt.
H
F
Aliud elegantius, et
Pulchrius Columnæ
Angularis Capitellum.
C

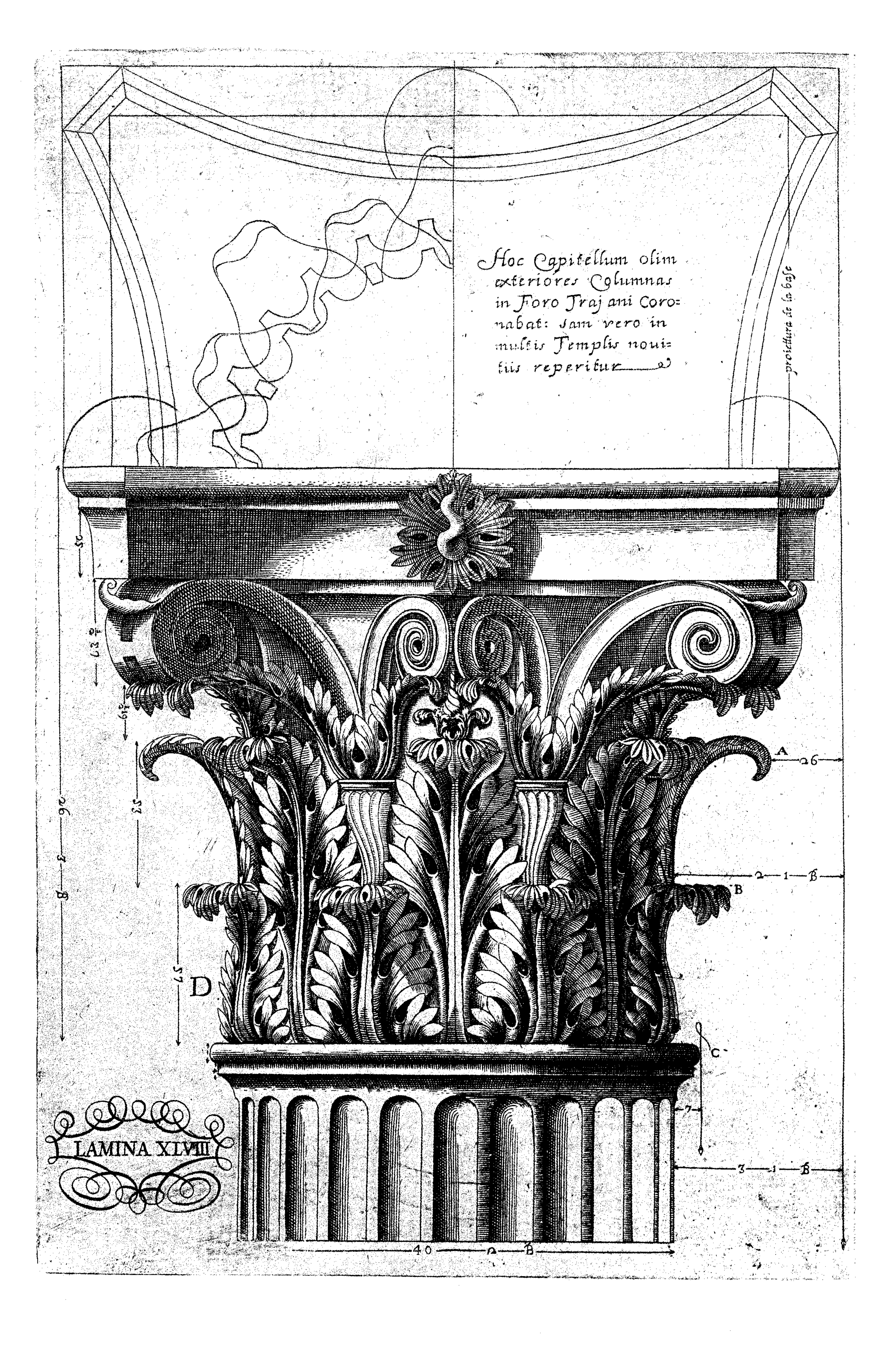

LAMINA
XLIII
CORINTHIA
A
B

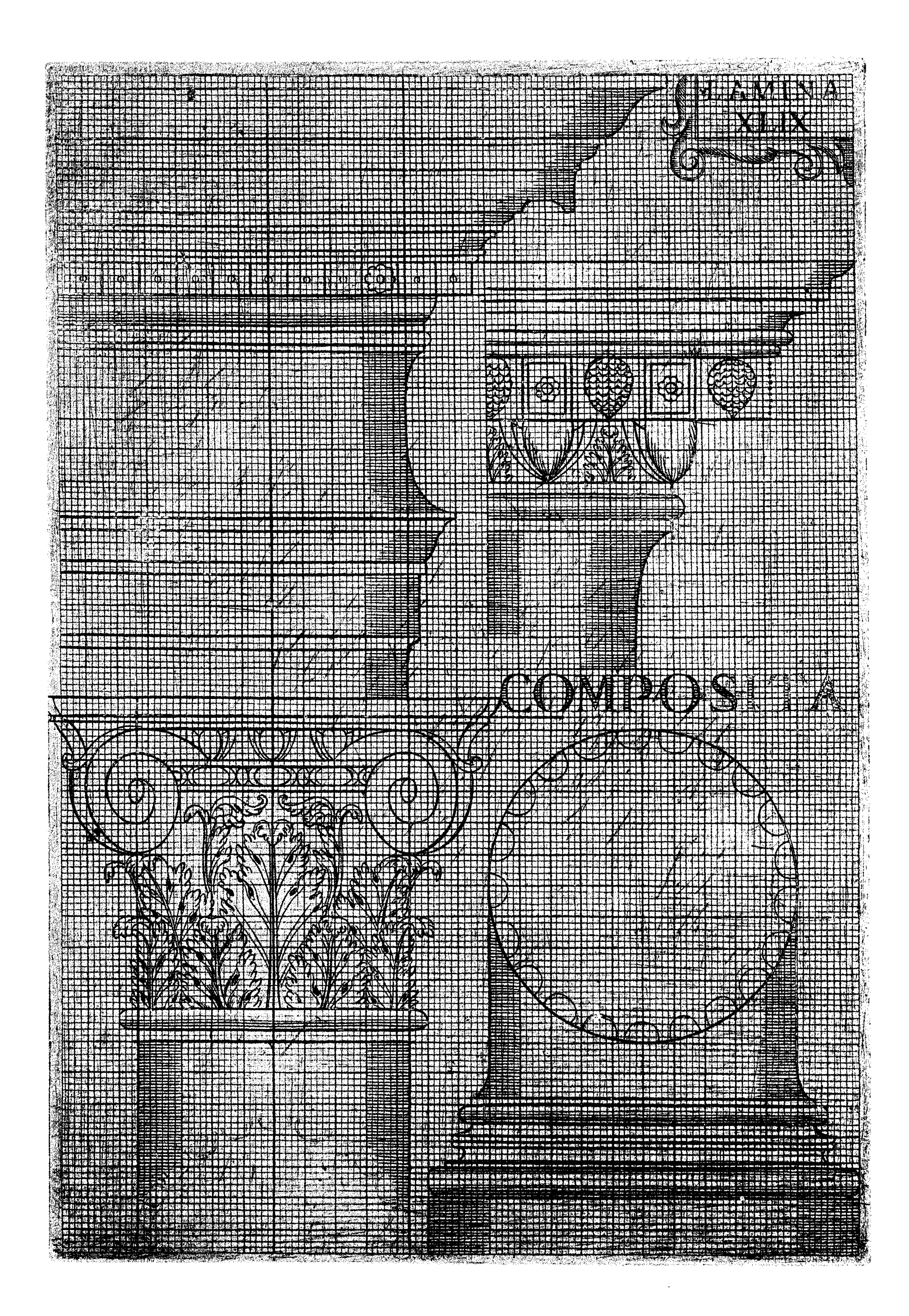

LAMINA XLIV
TEMPLI VULCANI ORNAMENTA.
Erat hæc in ædificio li=
nea. Br. 1. 45. Nos autem
illam tantisper contrahi
debere iudicauimus.
17 B 1
44
½ 29
⅔ 48 B 2
B 2 38


Figura VI.
Centrum R
Figura V
Fig. IV
Figura VII
Figura I.
LAMINA XLIV
Fig. II.
Fig. III
Centrum P


HÆC BASIS
In Ordine Composito, et Corinthio (aut etiam aliquando in Ionico) locũ habet
A
B
C
D
E
F
G
H
I
LECTORI.
Ne nimius sis (Ingeniose Architecte) in veterum Templorum parietinis, et decrepitis marmoribus commensurandis; nam pulchritudo in linearum proportione quæritur, non antiquitas. Vnde, si rescire vis, cur nostra hæc Delineatio, Columnarũ, quæ in Pantheo, alijsque in locis etiamnũ Romæ prostant, Basibus non exacte conueniant? Id ideò factum, respondebimus, quia tantisper alterando mensuras Ideam volumus nobiliorem pulchrioremq; repræsentare.
LAMINA XLVI


LAMINA XLVII


Hoc Capitellum olim exteriores Columnas in Foro Traj ani Coro= nabat: Jam vero in multis Templis noui= tiis reperitur
proiectura de la base
A
26
2 1 B
B
D
C
7
3 1 B
40 2 B
LAMINA XLVIII


LAMINA
XLIX
COMPOSITA


LAMINA · L
Hoc Capitellum pul-
chrum, et simillimum Co-
rinthio est. Interim, quia
in aliquibus lineis extra
leges præscriptas ab An-
tiquis exorbitat, Ordini
Composito poteri accēseri.

COLUMNA COMPOSITA EX TEMPLO VULCANI DESUMPTA.

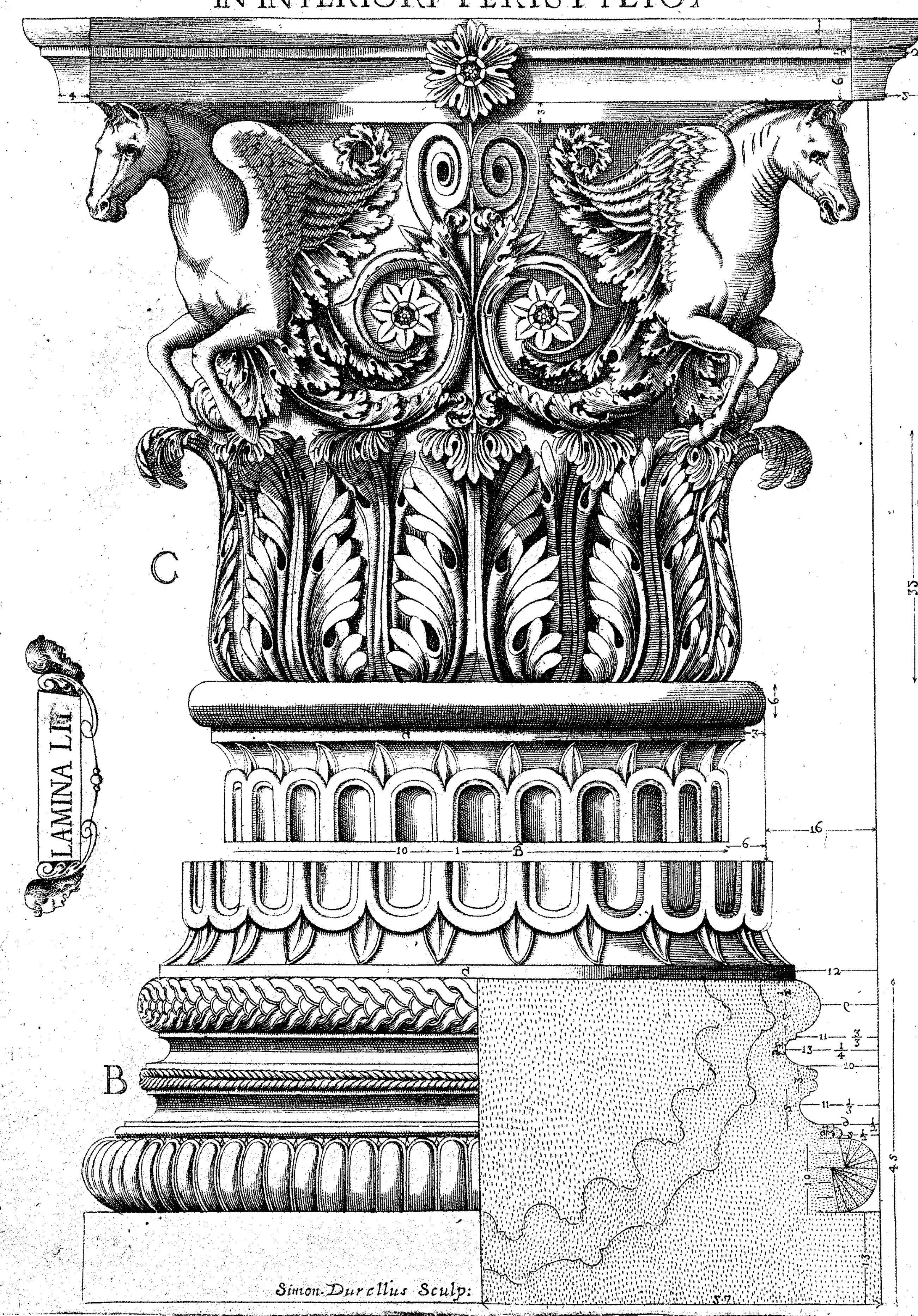
C

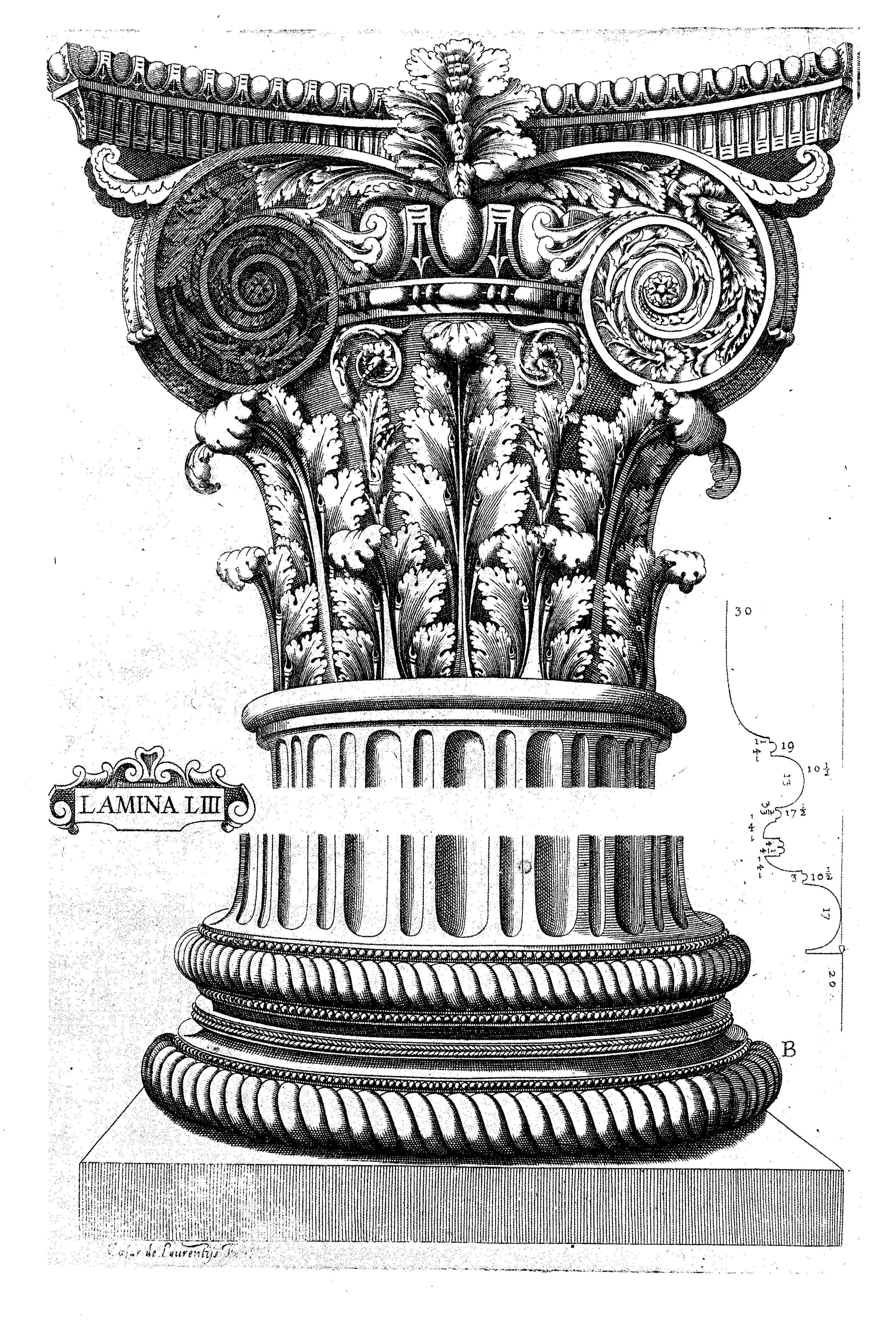
B

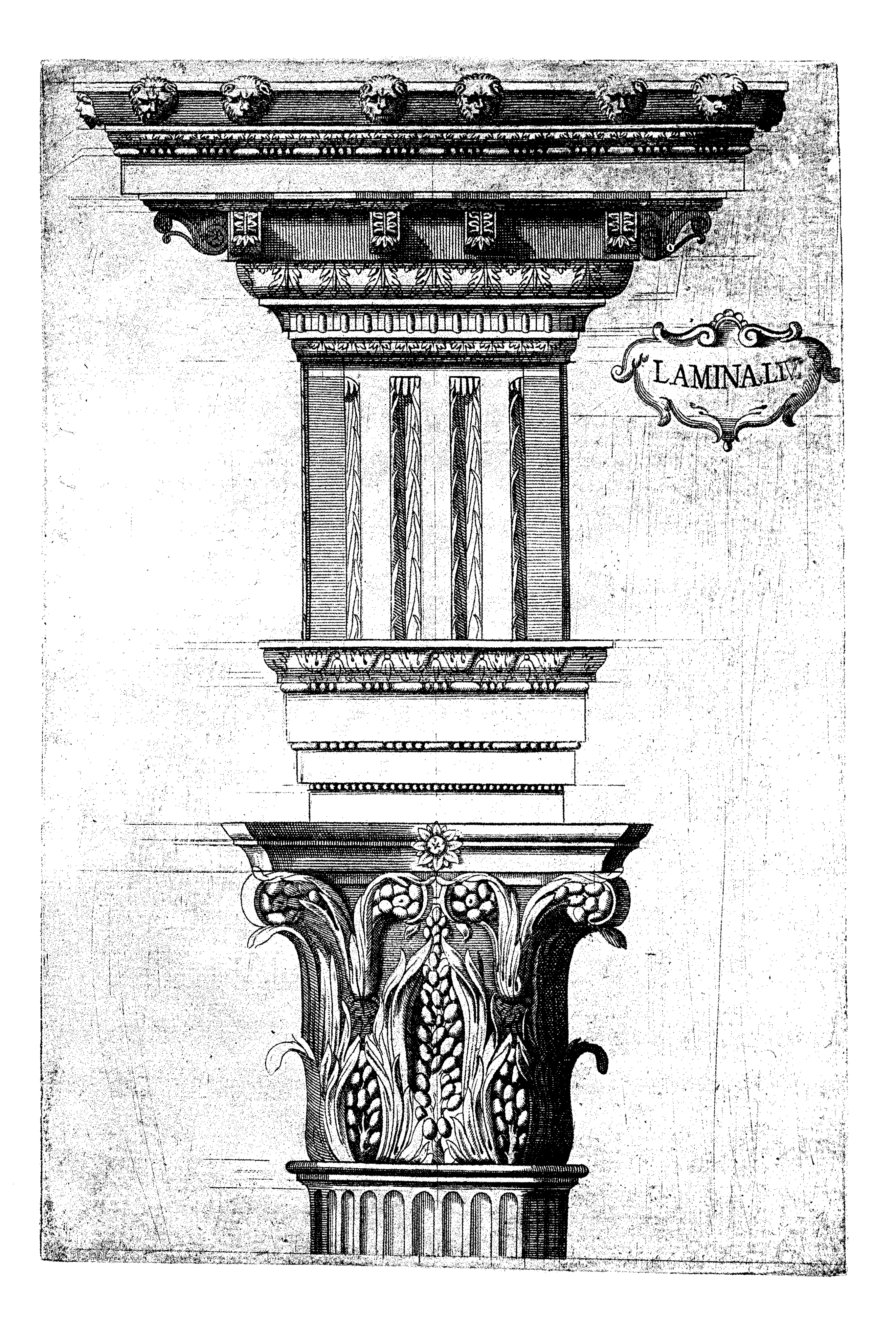
LAMINA LI

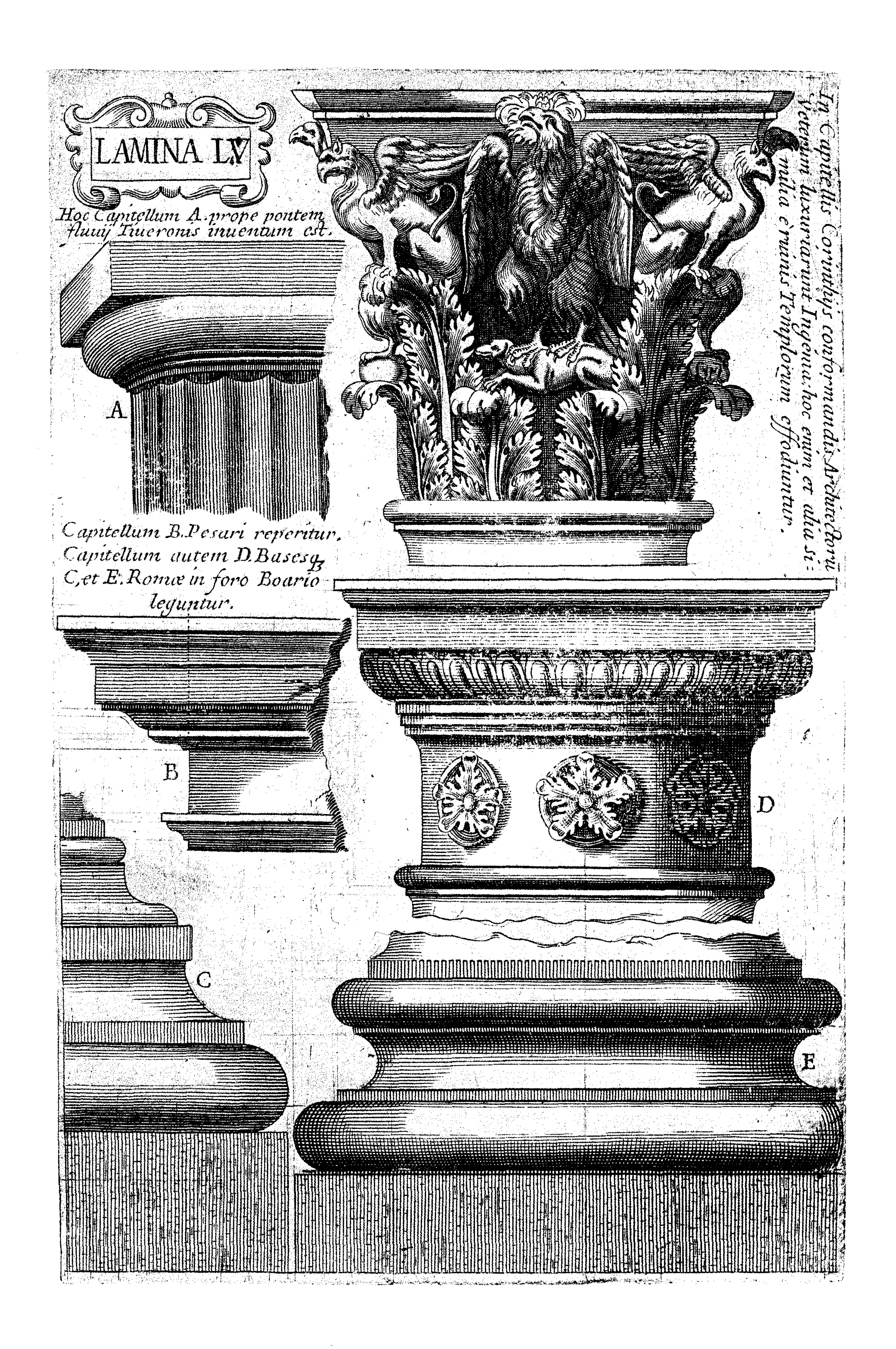
22
19
13
19
24
16
21
11
23

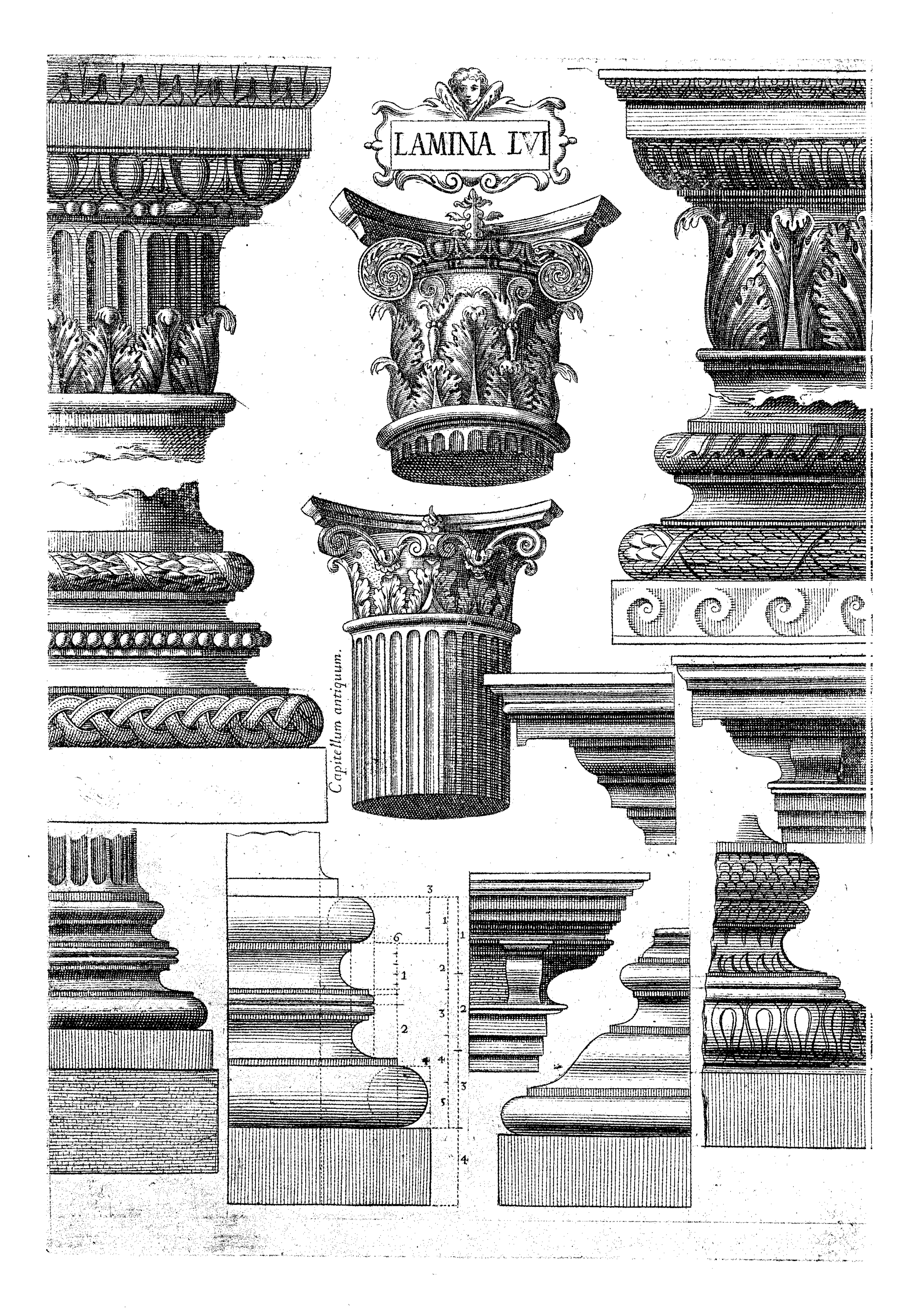
TEMPLI, QVOD IN FORO TRAIANI, TALES ERANT COLVMNAE IN INTERIORI PERISTYLIO.

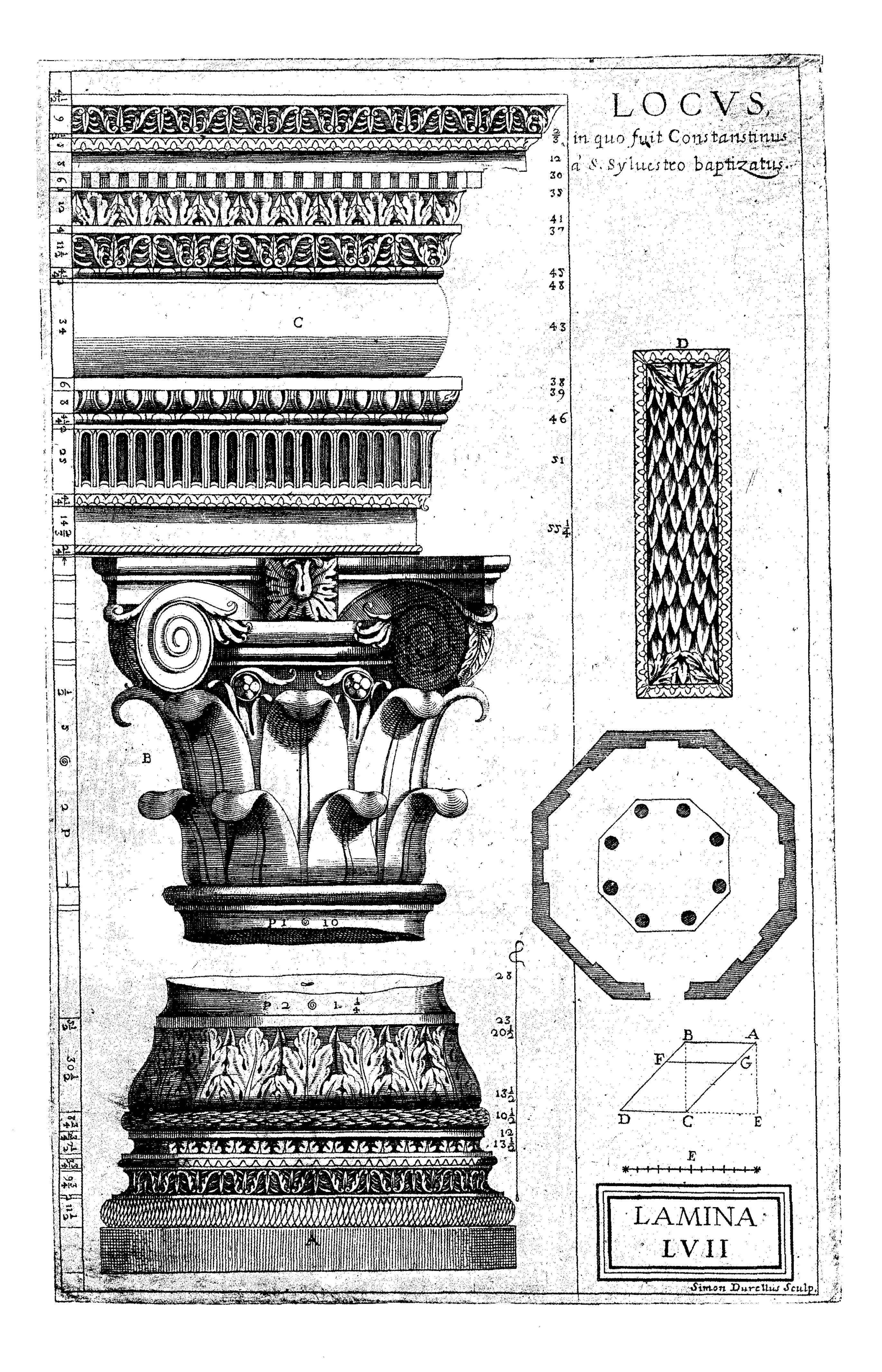


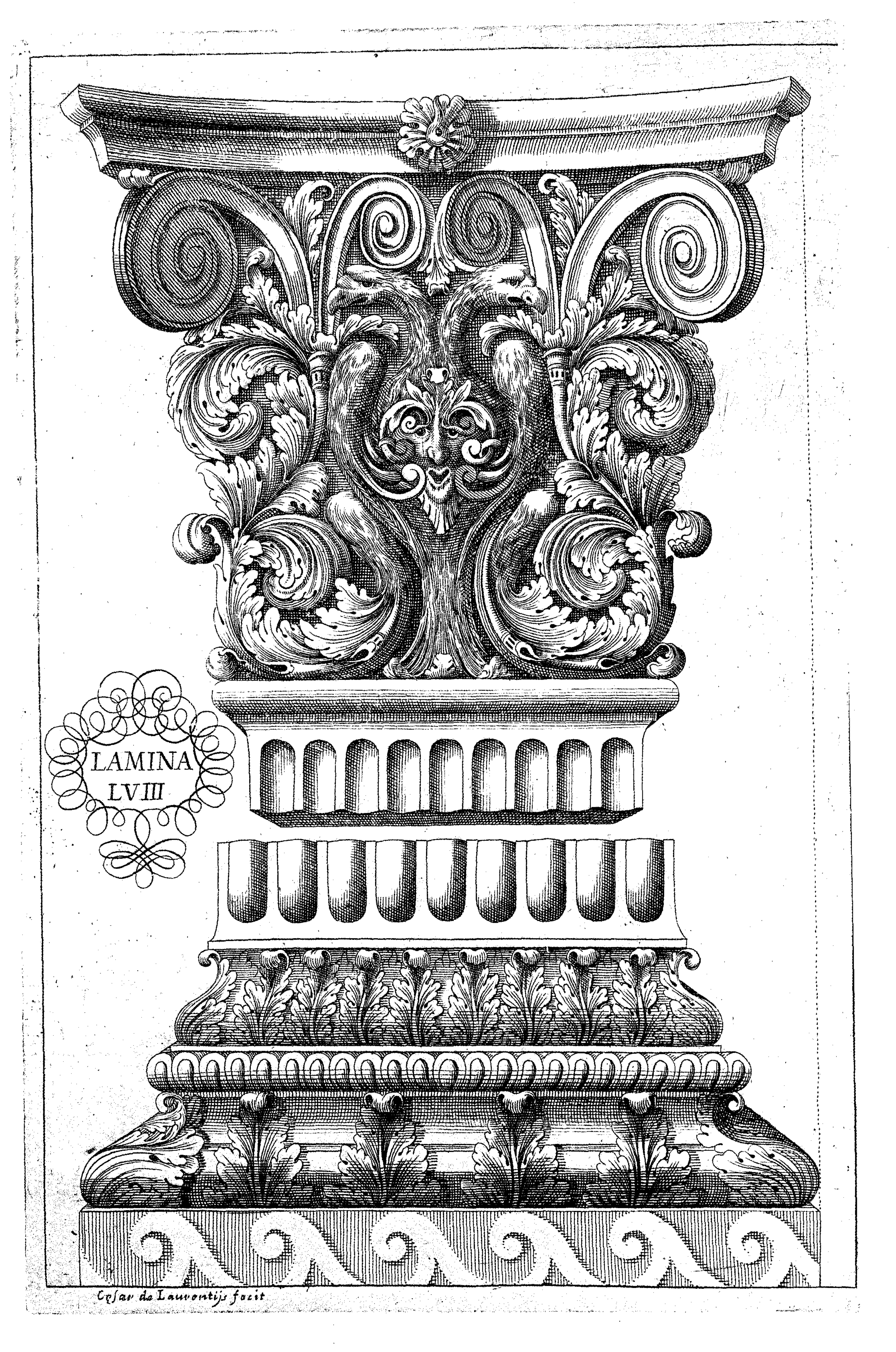

LAMINA LIII
30
19
10 1/2
17 1/2
10 1/2
17
20
B
Cæsar de Laurentijs

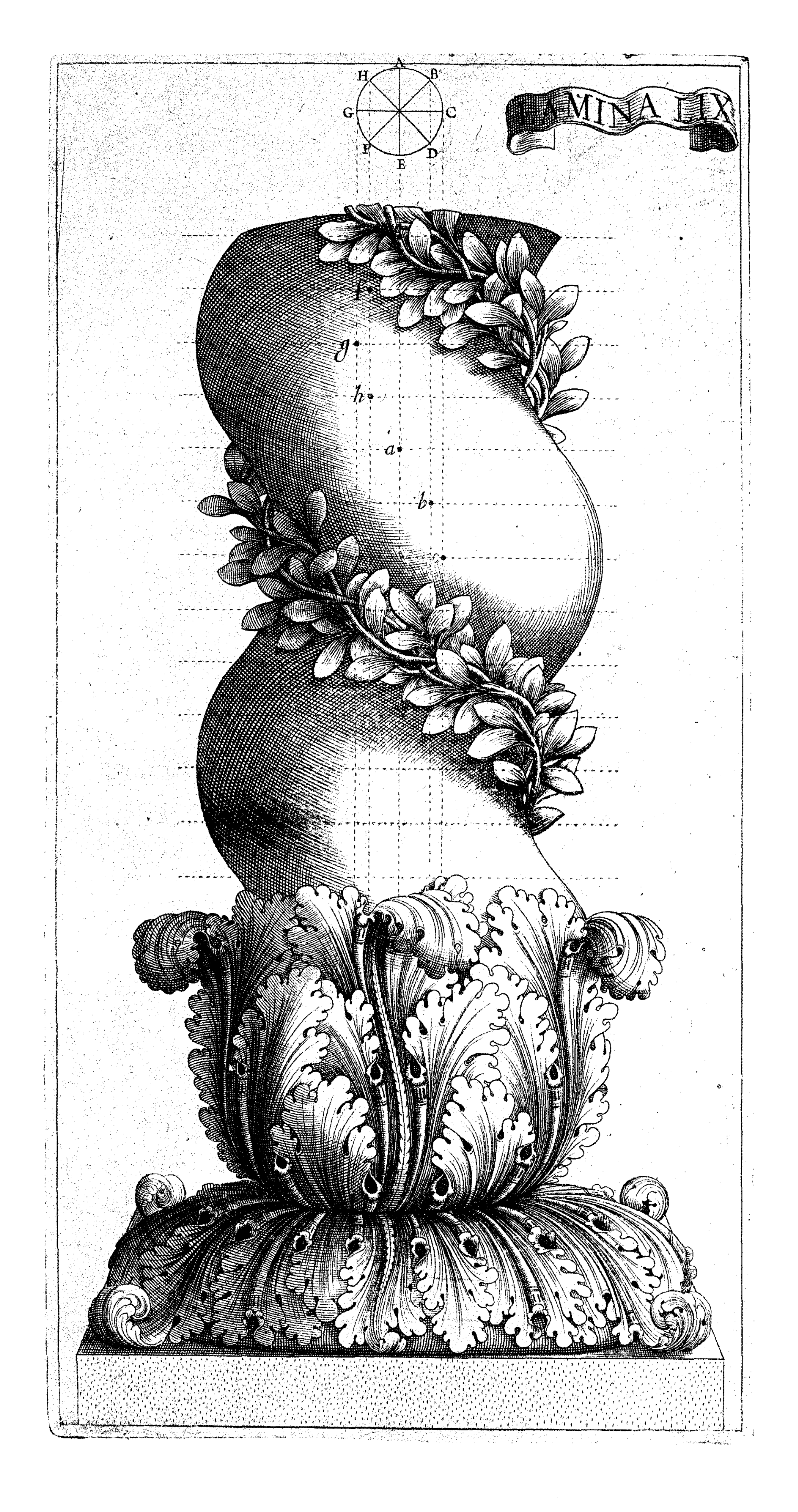

LAMINA LIV.

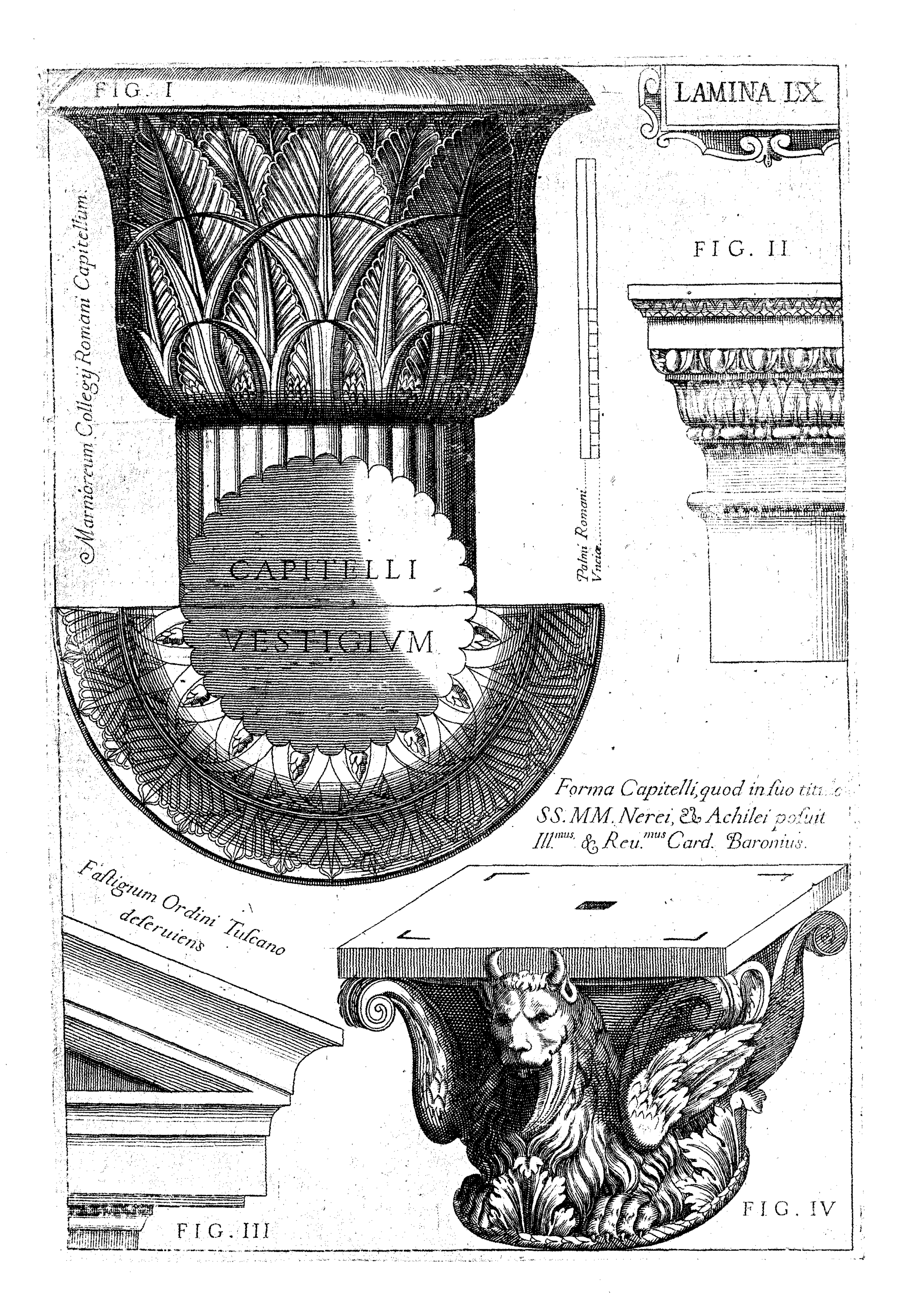

LAMINA LV
Hoc Capitellum A. prope pontem fluuij Tiueronis inuentum est.
A
Capitellum B. Pesari reperitur. Capitellum autem D. Basesq. C, et E. Romæ in foro Boario leguntur.
B
C
D
E
In Capitellis Corinthijs conformandis Architectorū veterum luxuriarunt Ingenia; hoc enim et alia si: milia è ruinis Templorum effodiuntur.

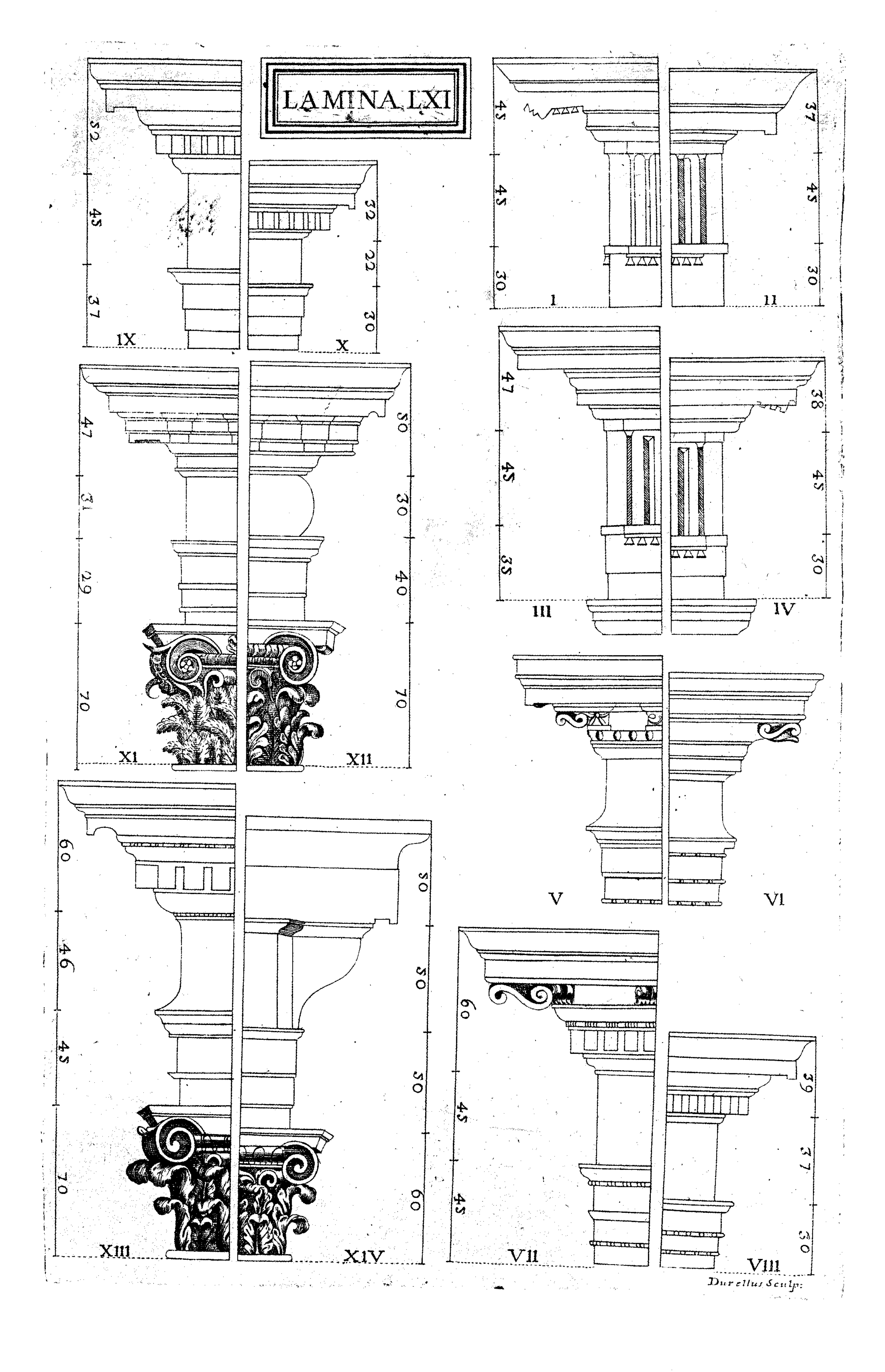

LAMINA LVI
Capitellum antiquum.

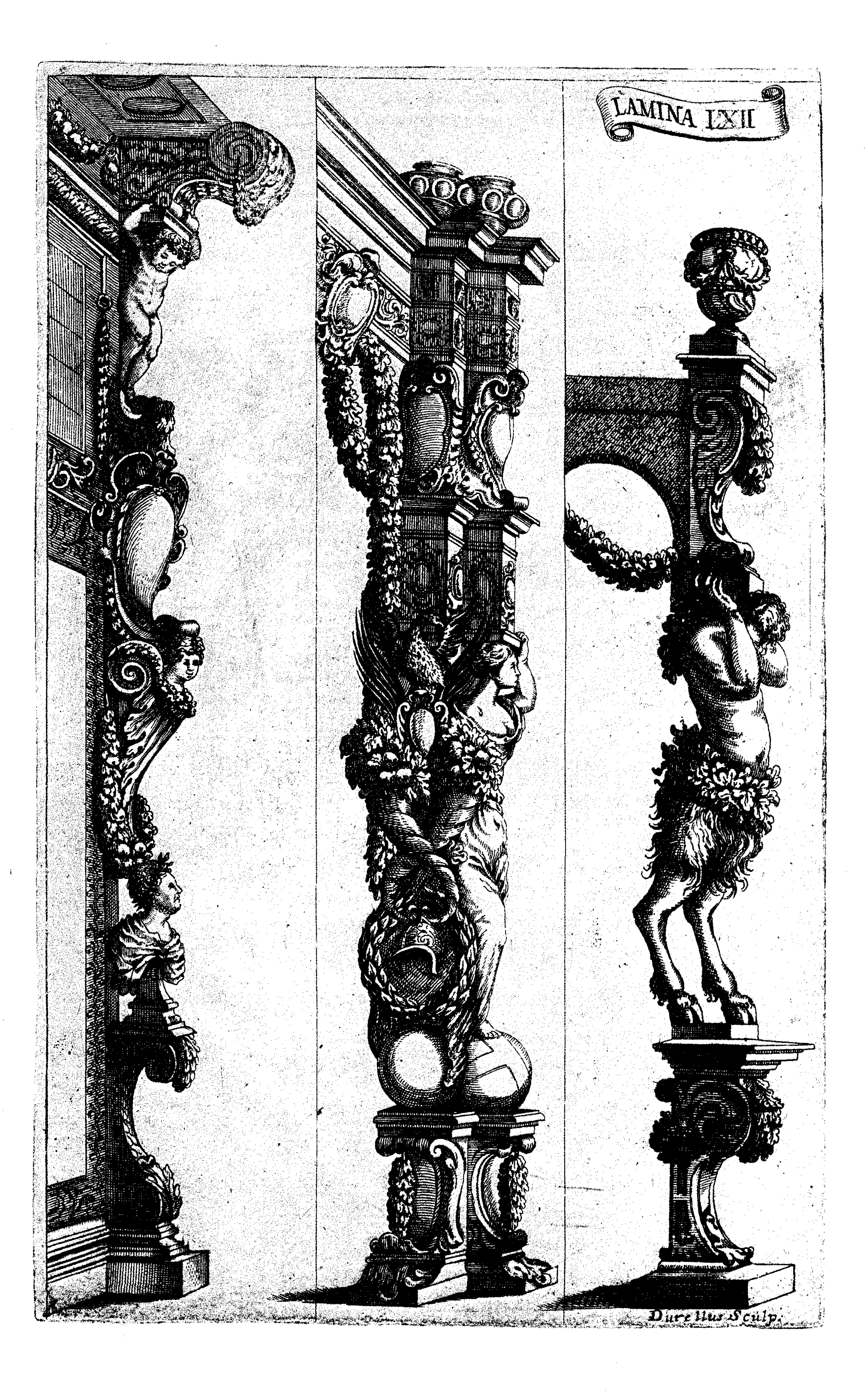

LOCVS,
in quo fuit Constanstinus
a' S. Sylucstro baptizatus.
C
D
B
P 1 ⊚ 10
P 2 ⊚ 1 1/4
A
B A
F G
D C E
E
LAMINA
LVII
Simon Durellus Sculp.

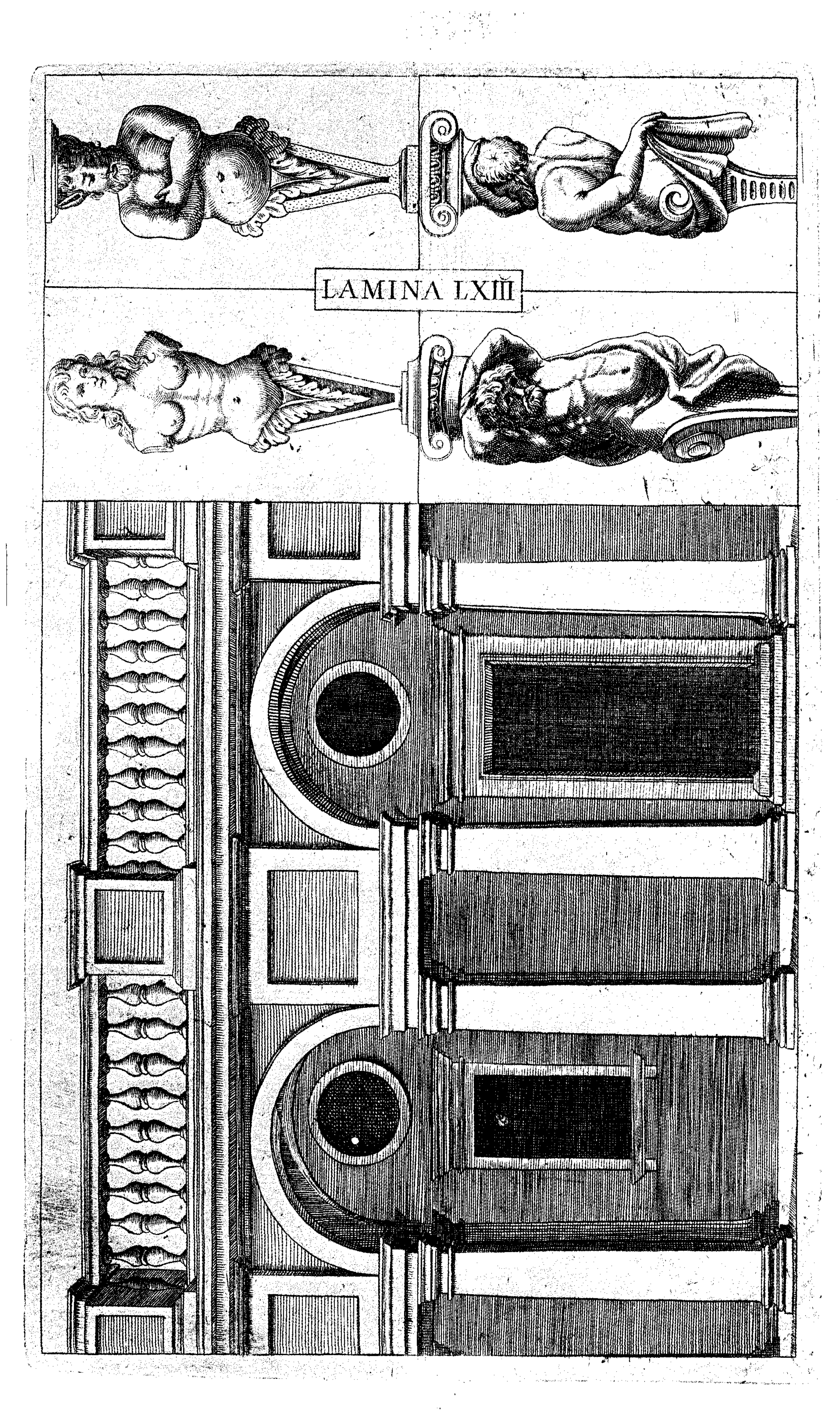

LAMINA
LVIII
Cesar de Laurentijs fecit

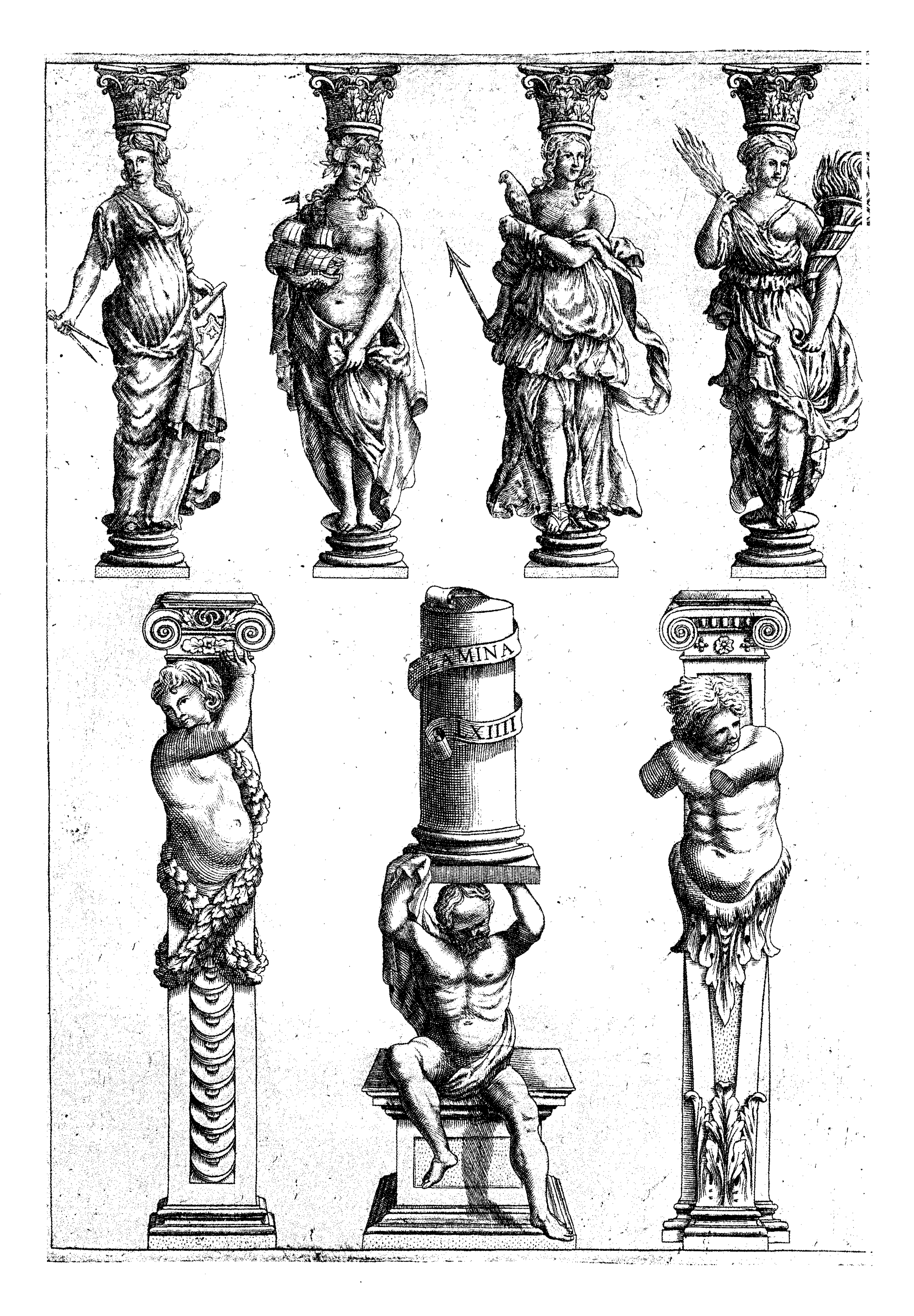

LAMINA LIX
A
B
C
D
E
F
G
H
f
g
h
a
b


LAMINA LX
FIG. I
Marmoreum Collegij Romani Capitellum.
CAPITELLI
VESTIGIVM
Palmi Romani
Vnciæ
FIG. II
Forma Capitelli, quod in suo titulo
SS. MM. Nerei, & Achilei posuit
Ill.mus & Rev.mus Card. Baronius.
Fastigium Ordini Tuscano
deseruiens
FIG. III
FIG. IV

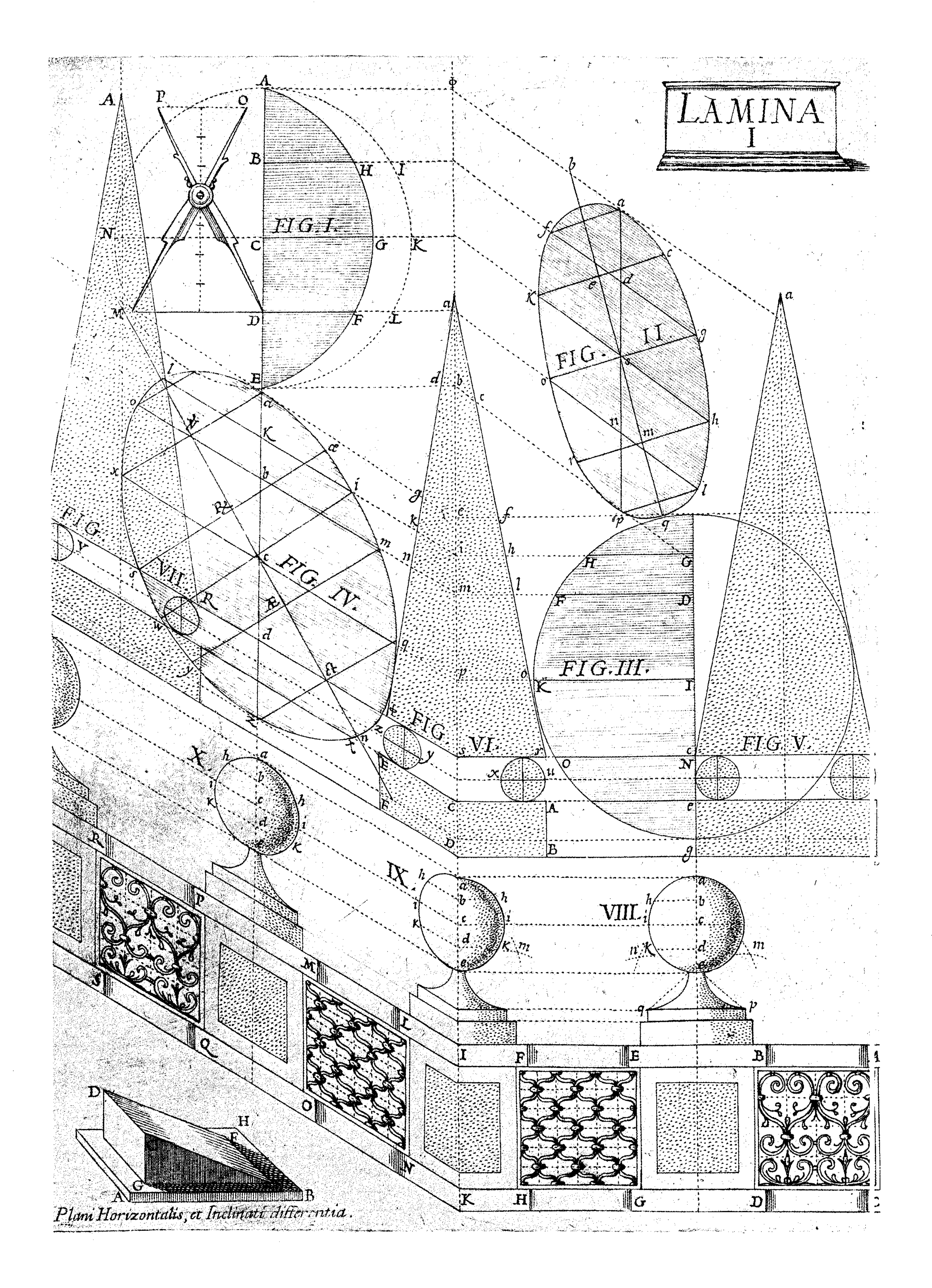

LAMINA LXI
IX
X
I
II
III
IV
V
VI
VII
VIII
XI
XII
XIII
XIV
Durellus Sculp.

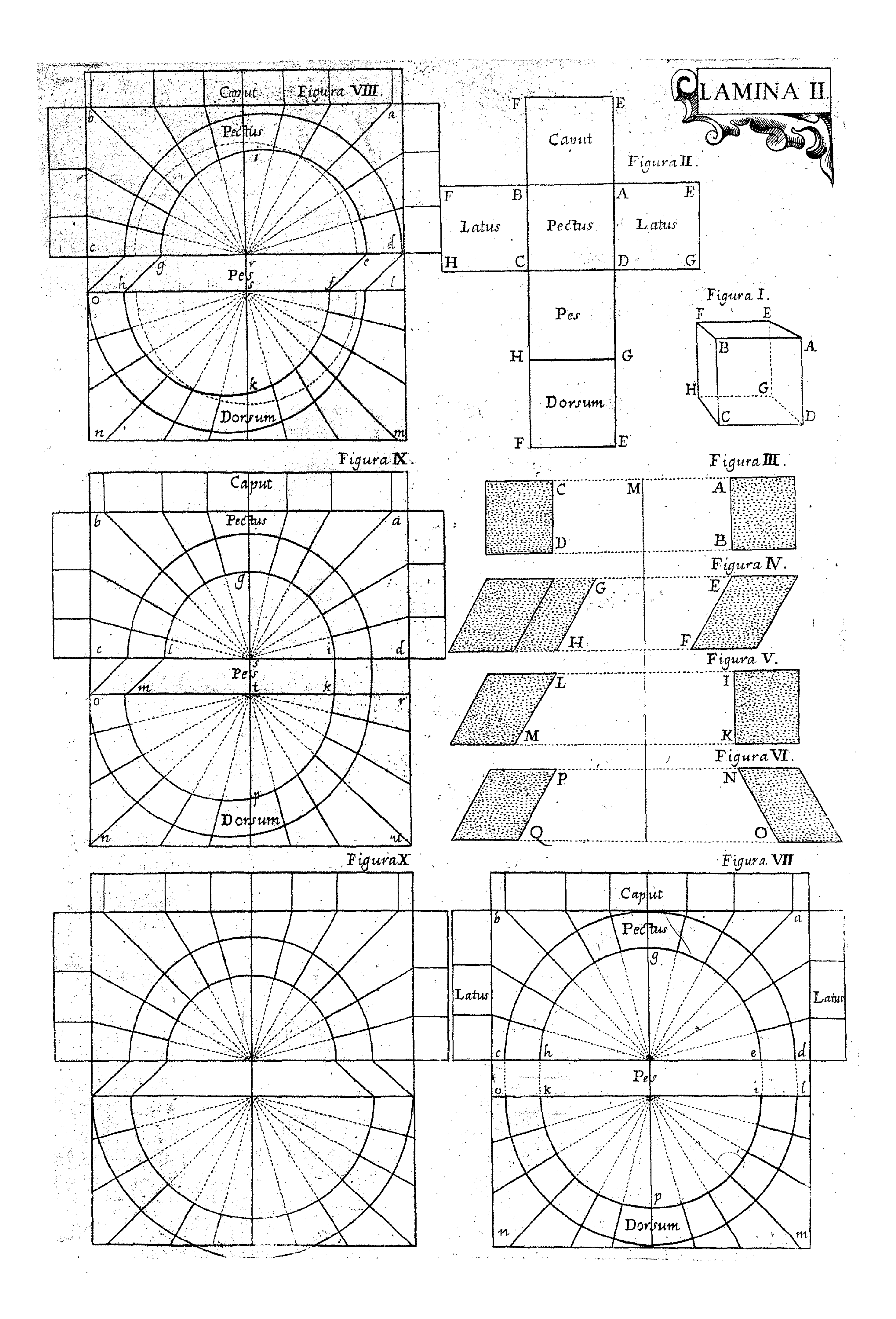

LAMINA LXII
Durellus Sculp.

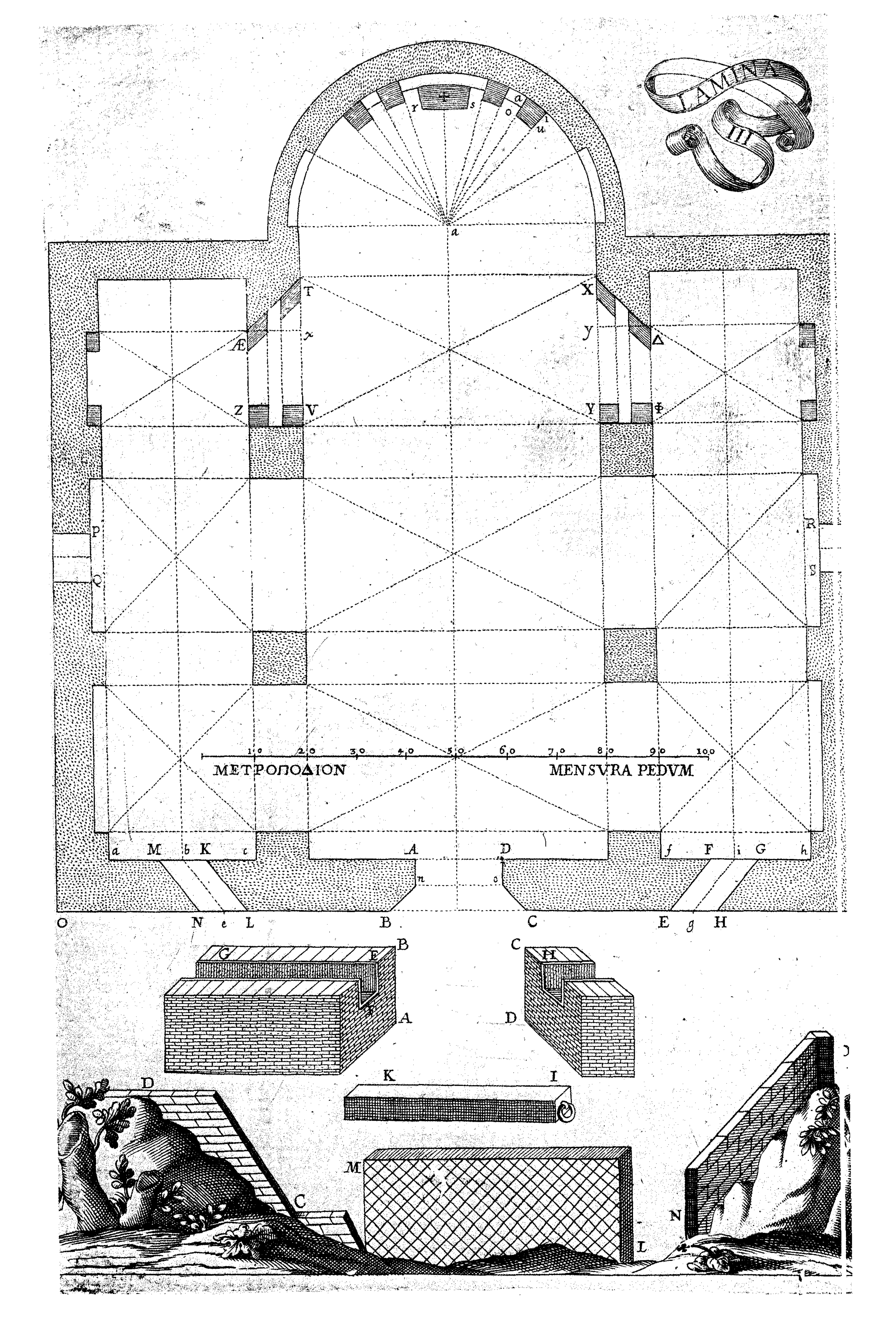

LAMINA LXIII

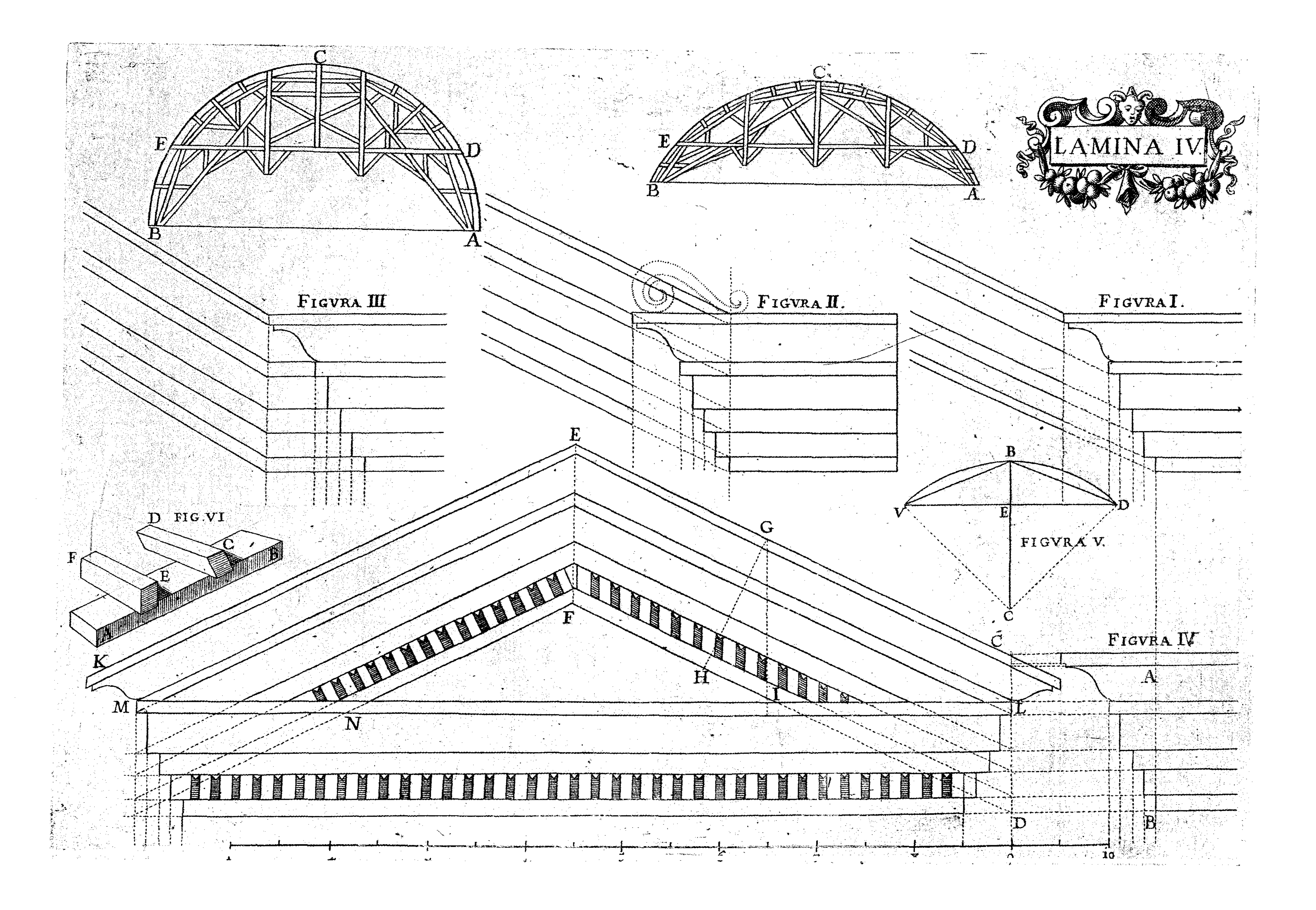

AMINA
XIIII


Solemq. suum
sua Sydera
norunt. Virg.
Et forma tri-
corporis
umbræ. Virg.
PARTE IV.
EN QVE
Con curioſidad ſe deſcriben y miden las Proſtaphereſes y Parallaxes con que
LA ARCHITECTVRA
OBLIQVA
Se origina y procede de la Comun, que en ſus Libros nos enseña Vitruvio.
ANNO DOMINI M DC LXXVIII
SVPERIORVM PERMISSV.
VIGLEVANI in Officinâ Epiſcopali. apud Camillum Corradam.


LAMINA I
FIG. I.
FIG. II.
FIG. III.
FIG. IV.
FIG. V.
FIG. VI.
FIG. VII.
VIII.
IX.
X.
Plani Horizontalis, et Inclinati differentia.

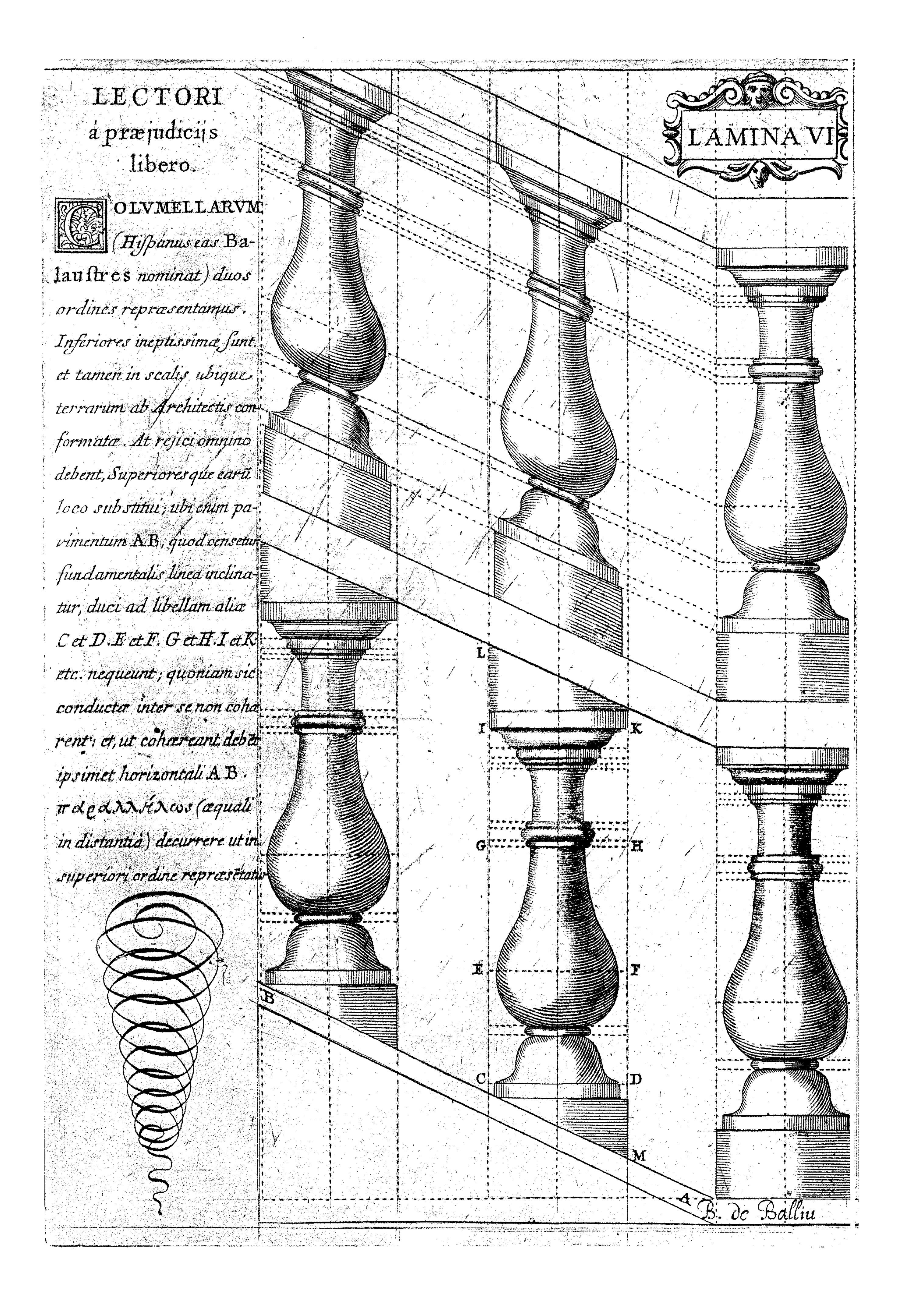

LAMINA II.
Figura VIII.
Caput
Pectus
Pes
Dorsum
Figura II.
Caput
Latus
Pectus
Latus
Pes
Dorsum
Figura I.
Figura IX.
Caput
Pectus
Pes
Dorsum
Figura III.
Figura IV.
Figura V.
Figura VI.
Figura X.
Figura VII
Caput
Pectus
Latus
Latus
Pes
Dorsum

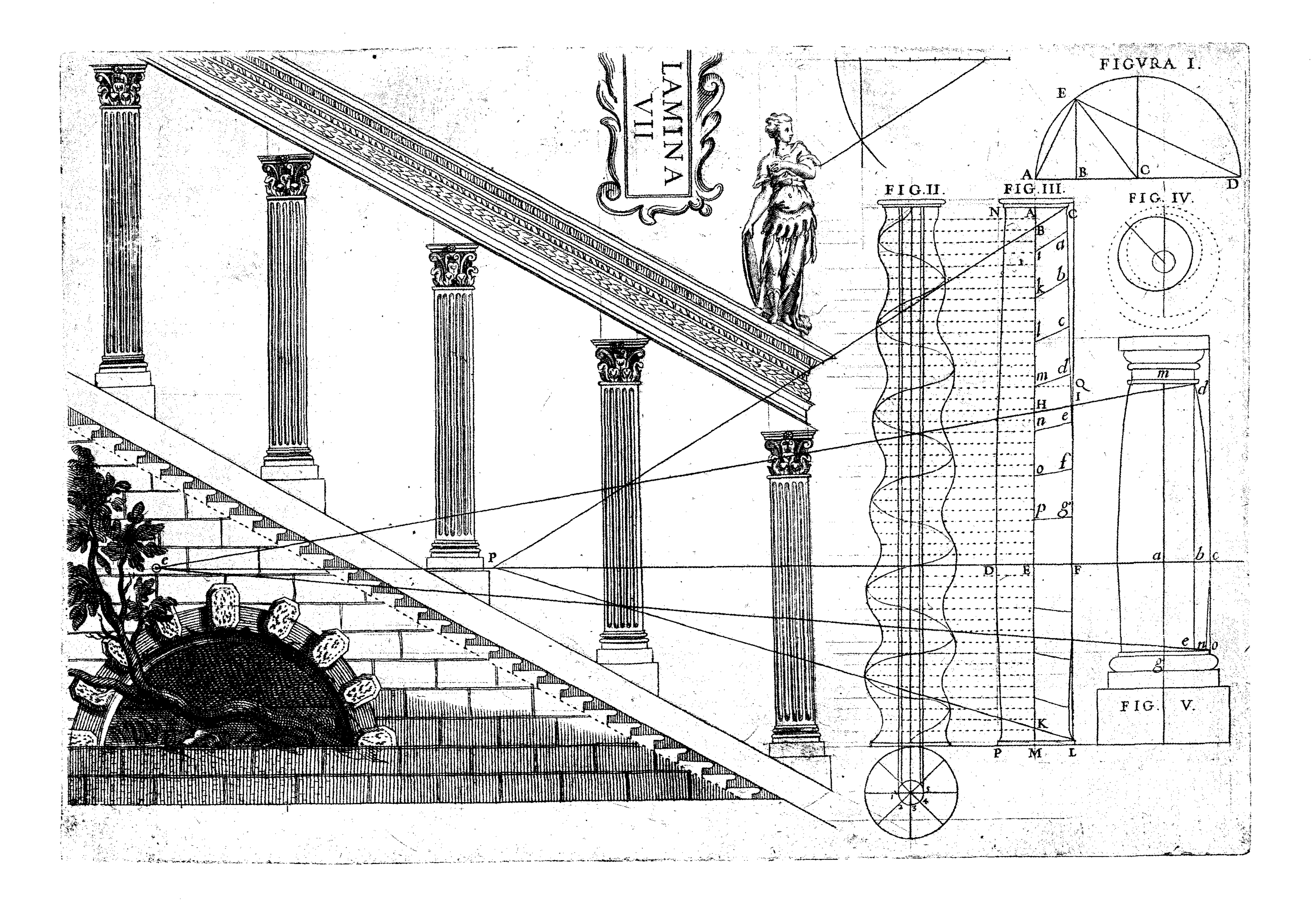

LAMINA
III
ΜΕΤΡΟΠΟΔΙΟΝ
MENSVRA PEDVM
10 20 30 40 50 60 70 80 90 100


LAMINA IV.
FIGVRA III
FIGVRA II.
FIGVRA I.
FIGVRA V.
FIGVRA IV
FIG.VI
10

TEMPLI VULCANI ORTHOGRAPHIA

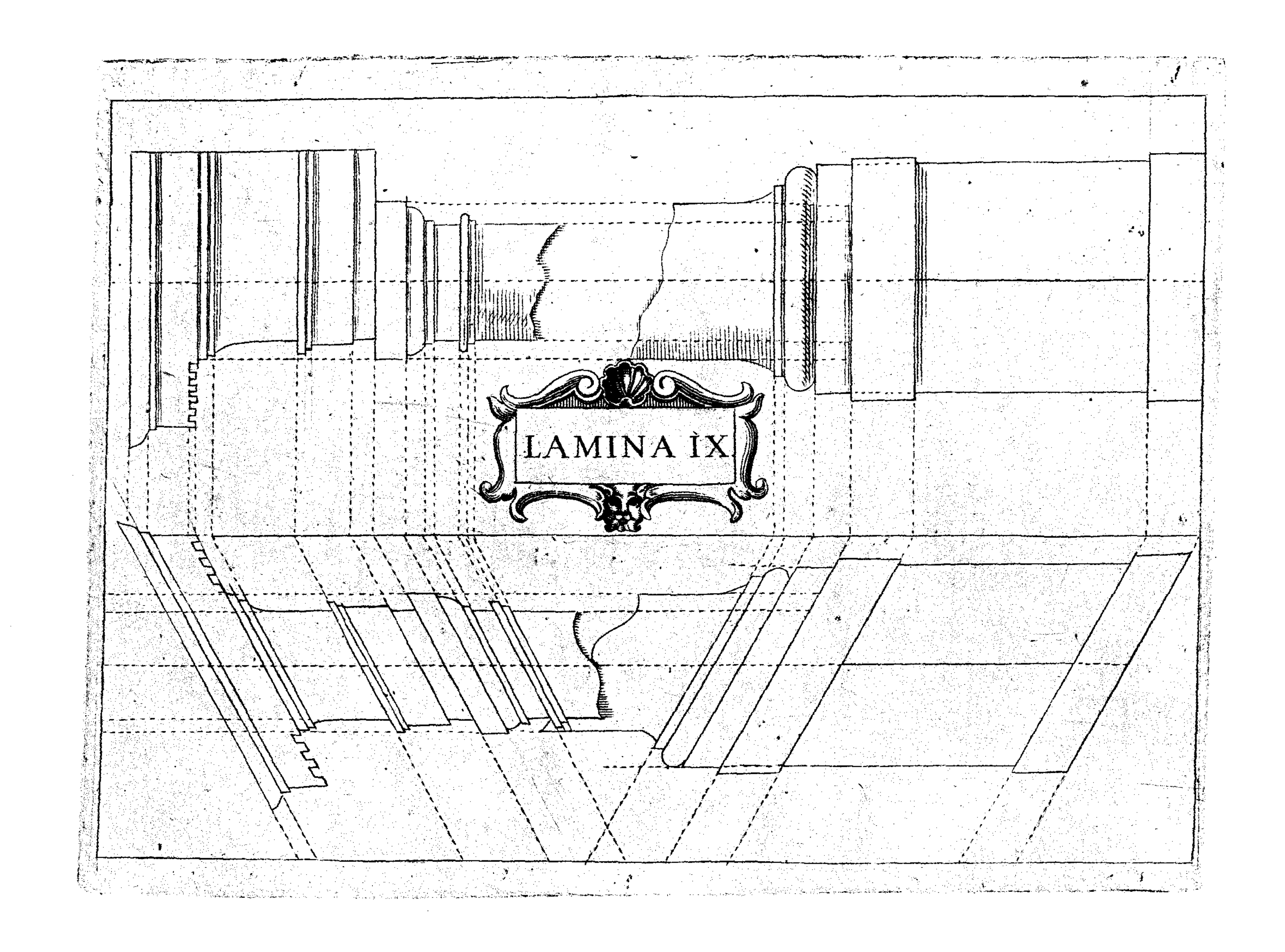


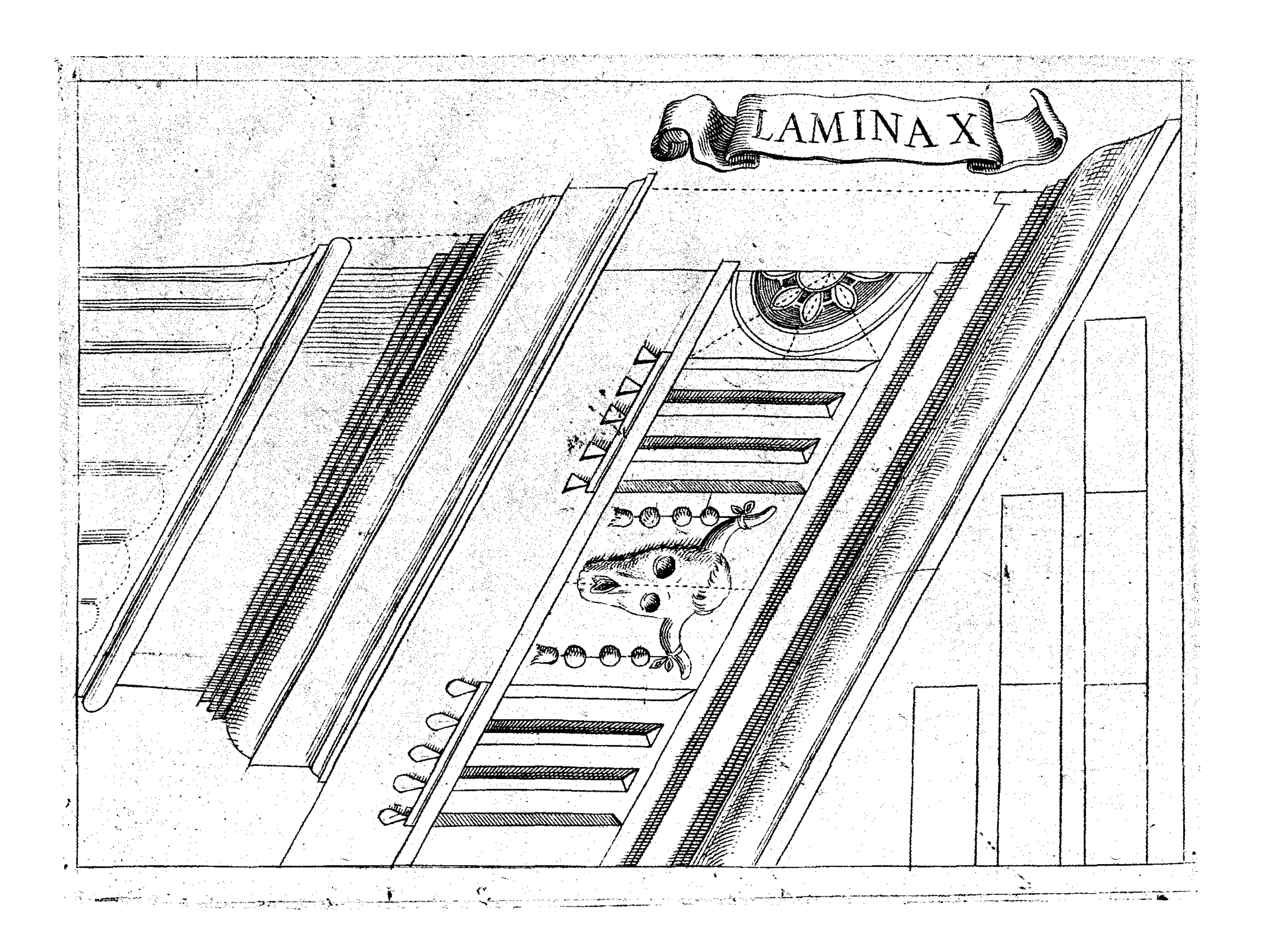

LECTORI
á præjudicijs
libero.
COLVMELLARVM (Hispanus eas Balaustres nominat) duos ordines repræsentamus. Inferiores ineptissimæ sunt et tamen in scalis ubique terrarum ab Architectis conformatæ. At rejici omnino debent, Superioresque earū loco substitui; ubi enim pavimentum AB, quod censetur fundamentalis linea inclinatur, duci ad libellam aliæ C et D. E et F. G et H. I et K etc. nequeunt; quoniam sic conductæ inter se non cohærent: et, ut cohæreant, debē[nt] ipsimet horizontali AB. παραλλήλως (æquali in distantia) decurrere ut in superiori ordine repræsētatu[r]
LAMINA VI
L
I
K
G
H
E
F
C
D
M
B
A
B. de Balliu

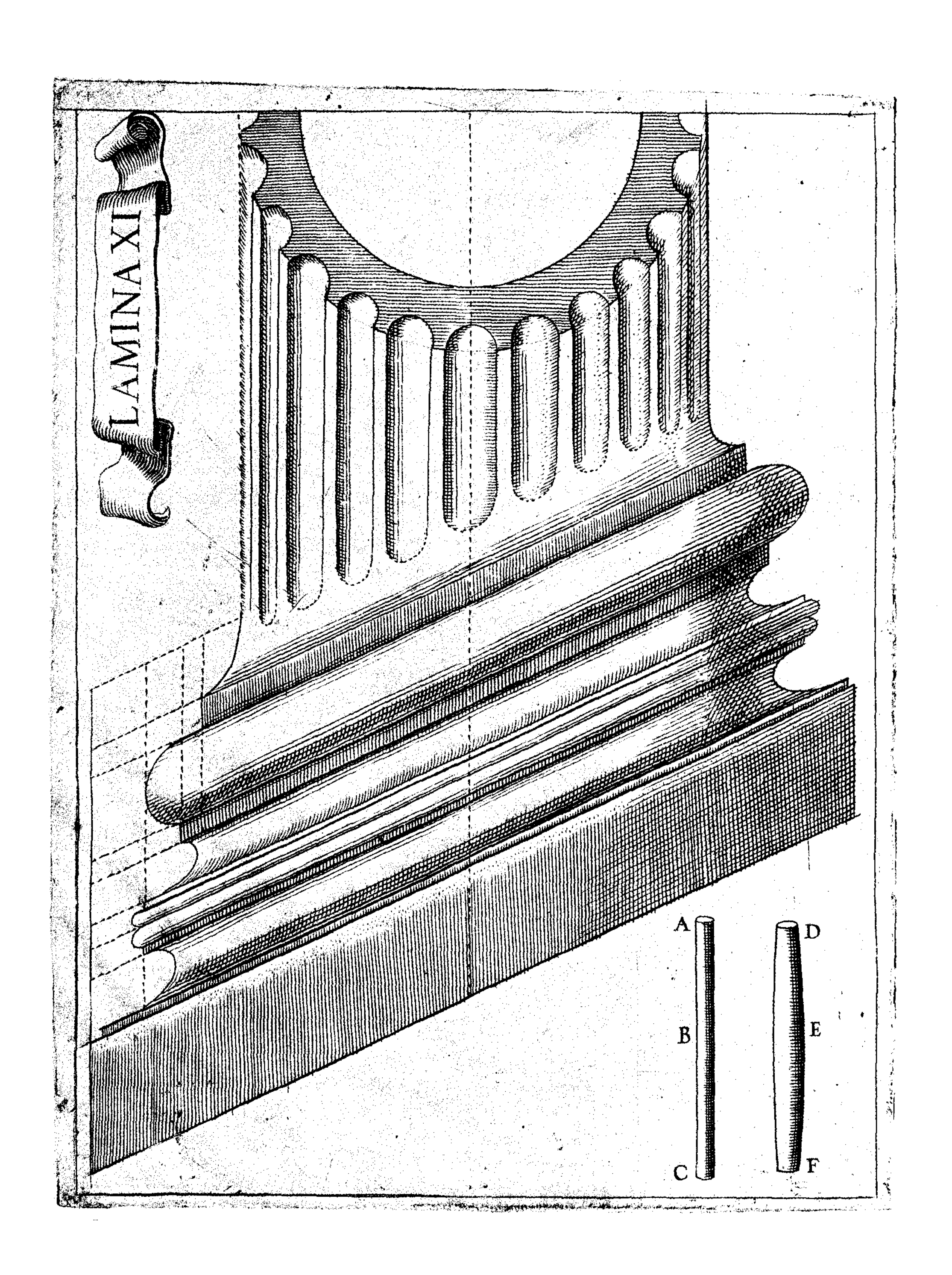


LAMINA
VII
FIGVRA I.
FIG.II.
FIG.III.
FIG. IV.
FIG. V.

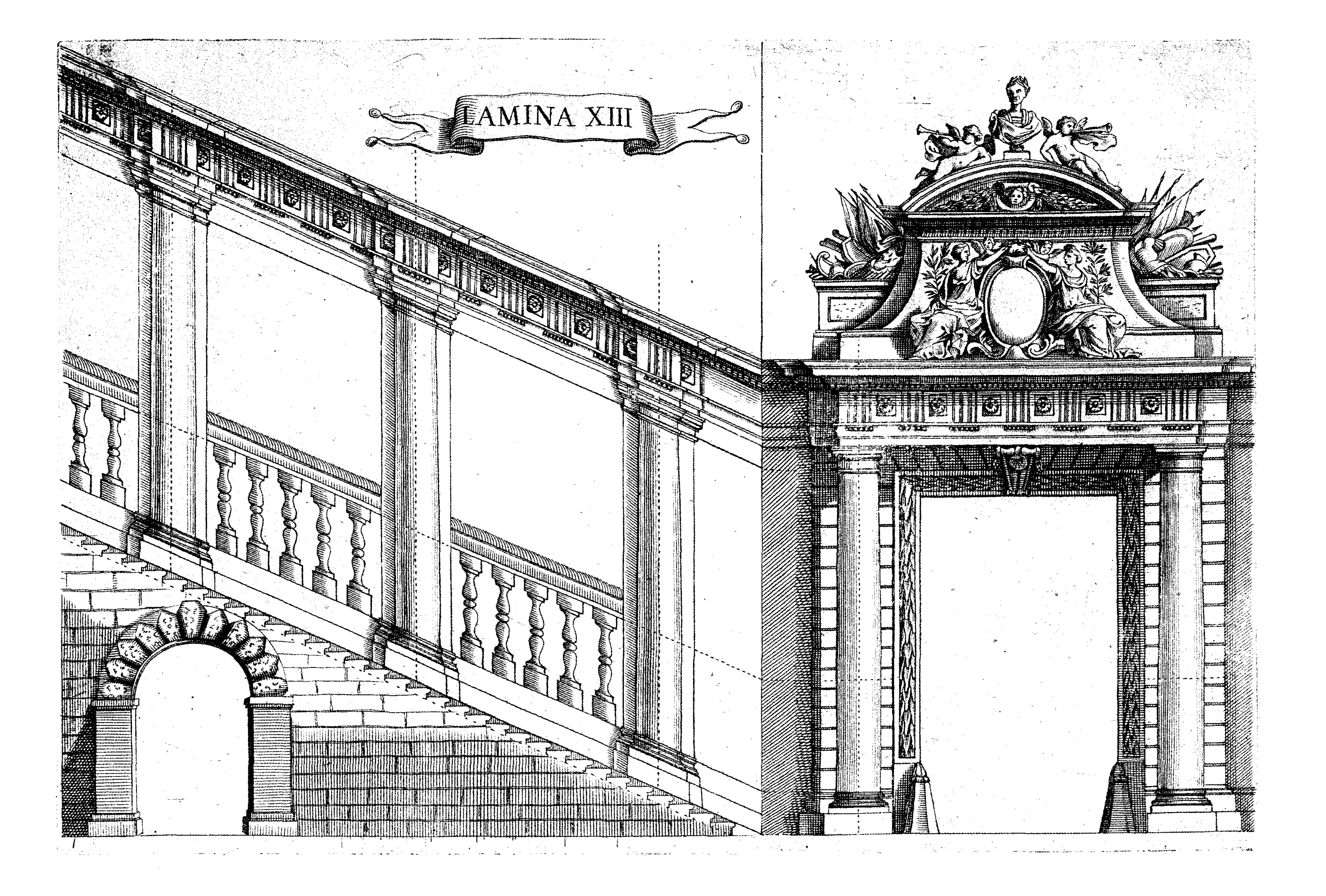

LAMI-
NA
VIII.

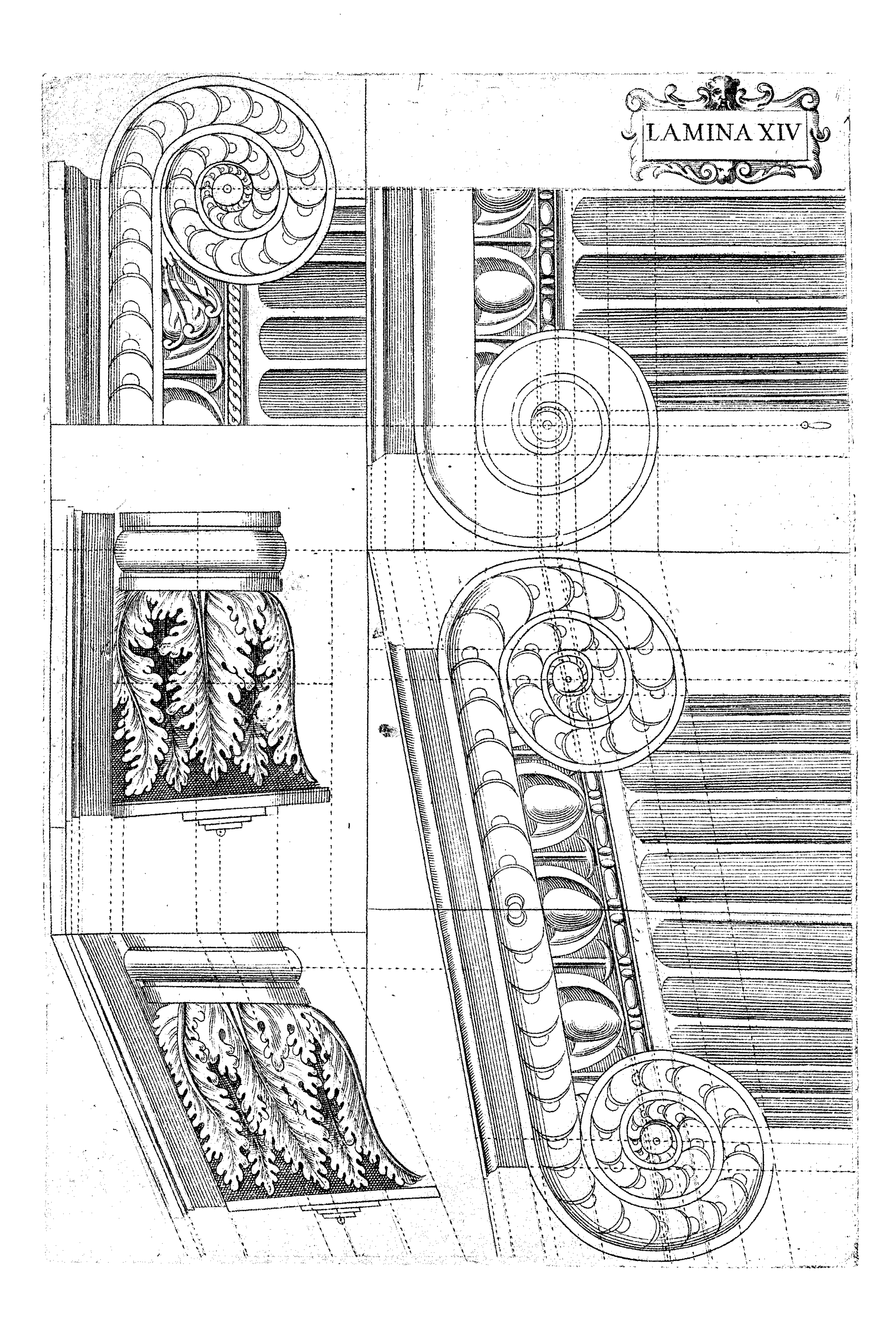

LAMINA IX

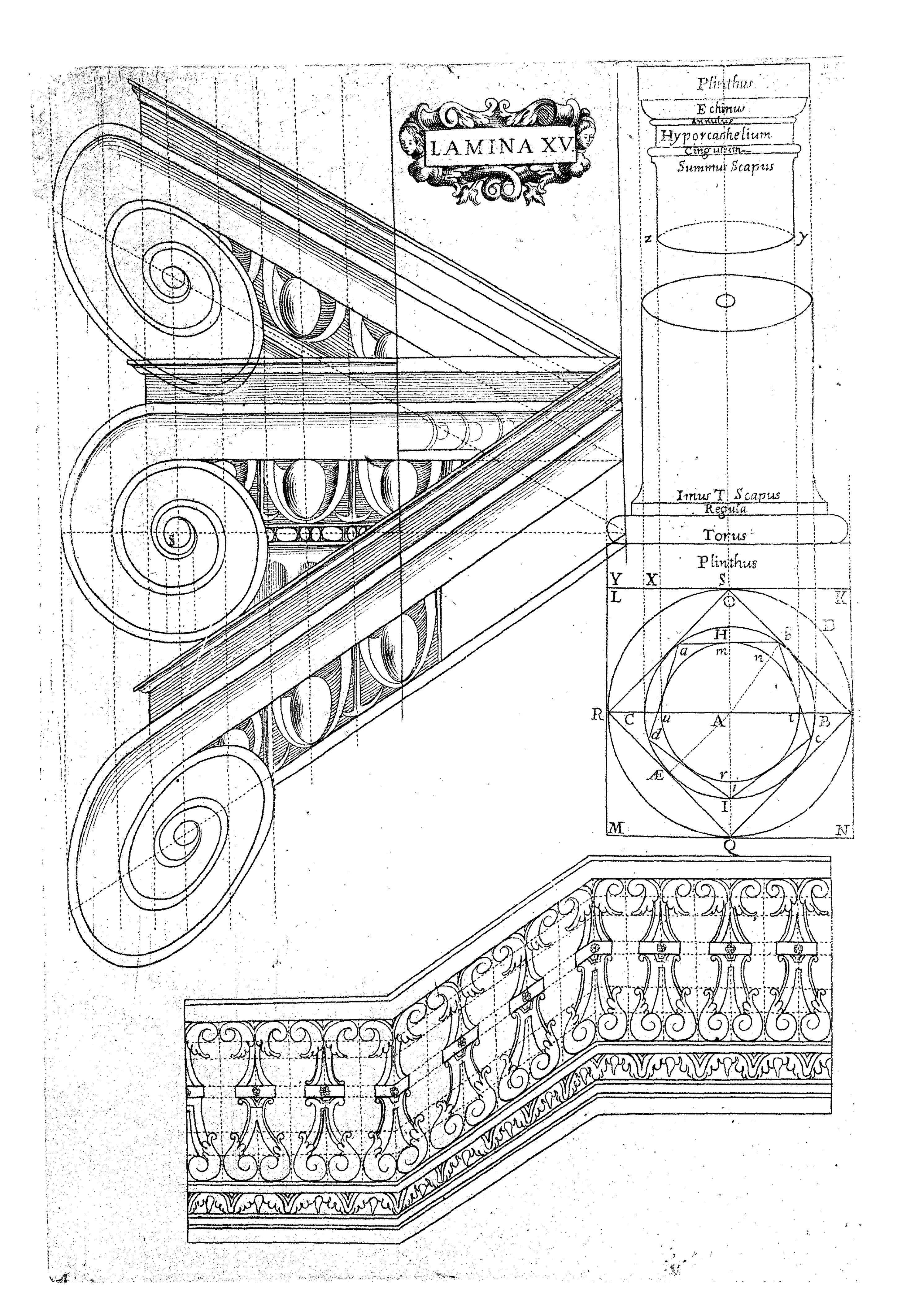

LAMINA X

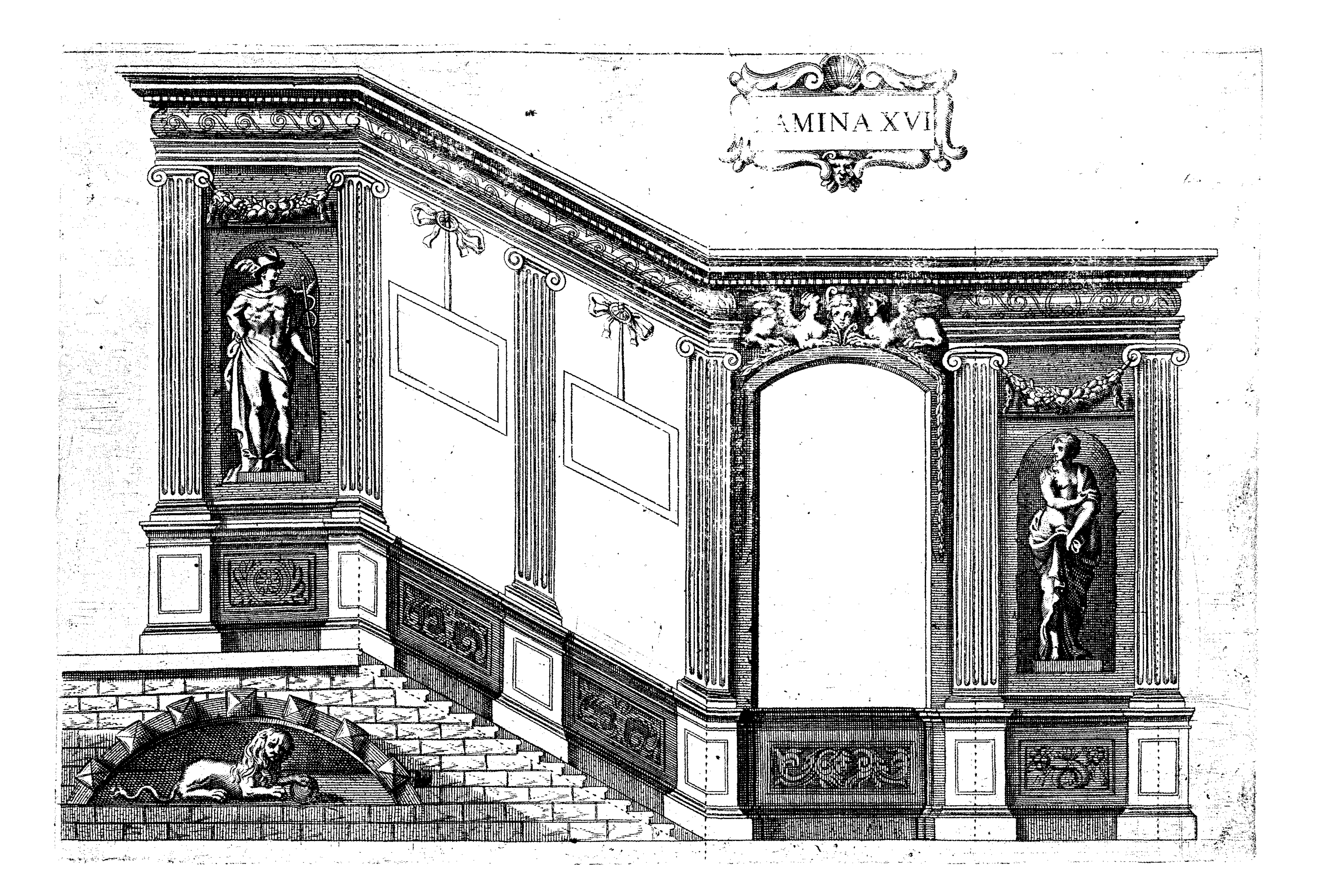

LAMINA XI
A
B
C
D
E
F

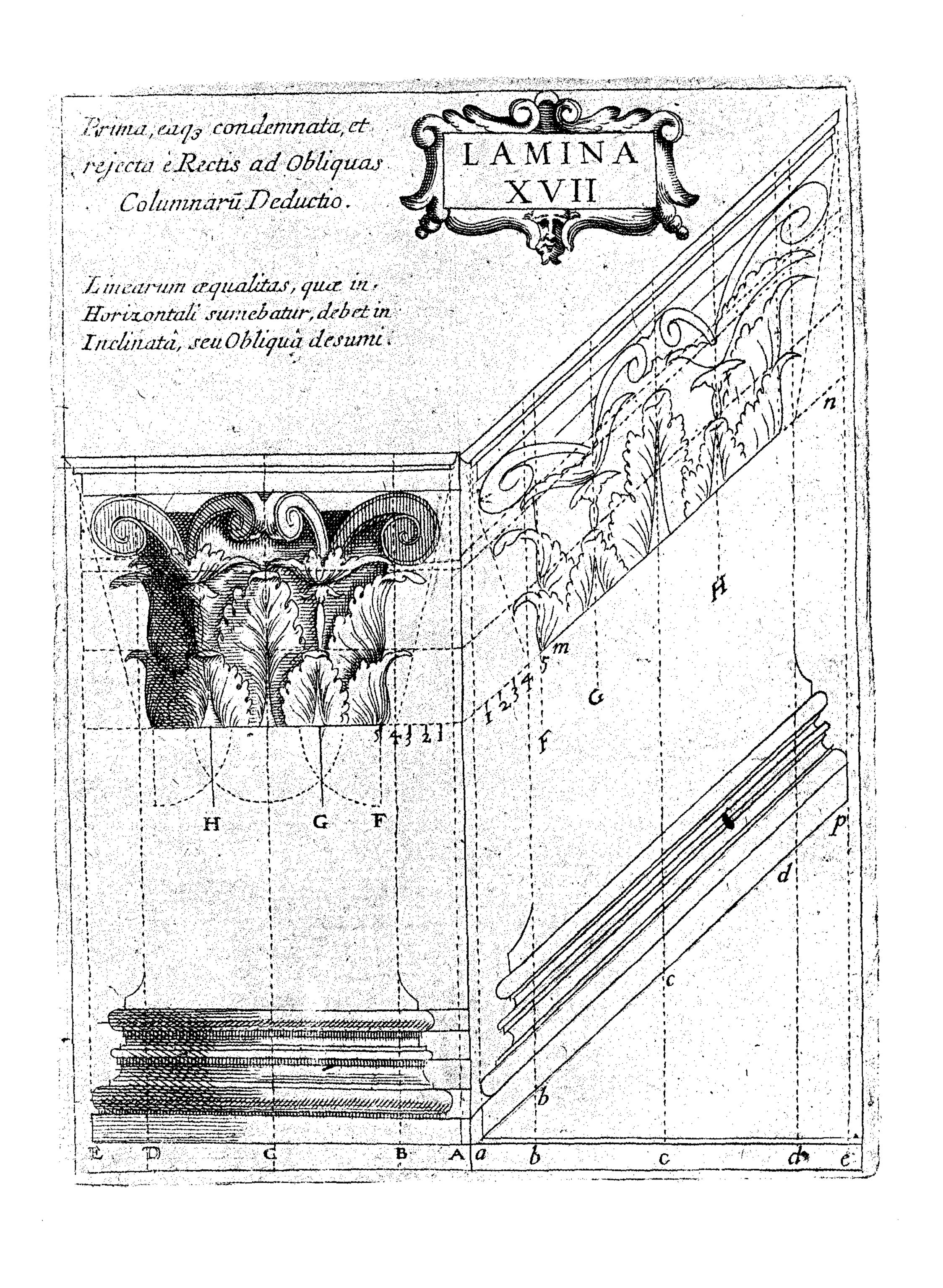

LAMINA XII

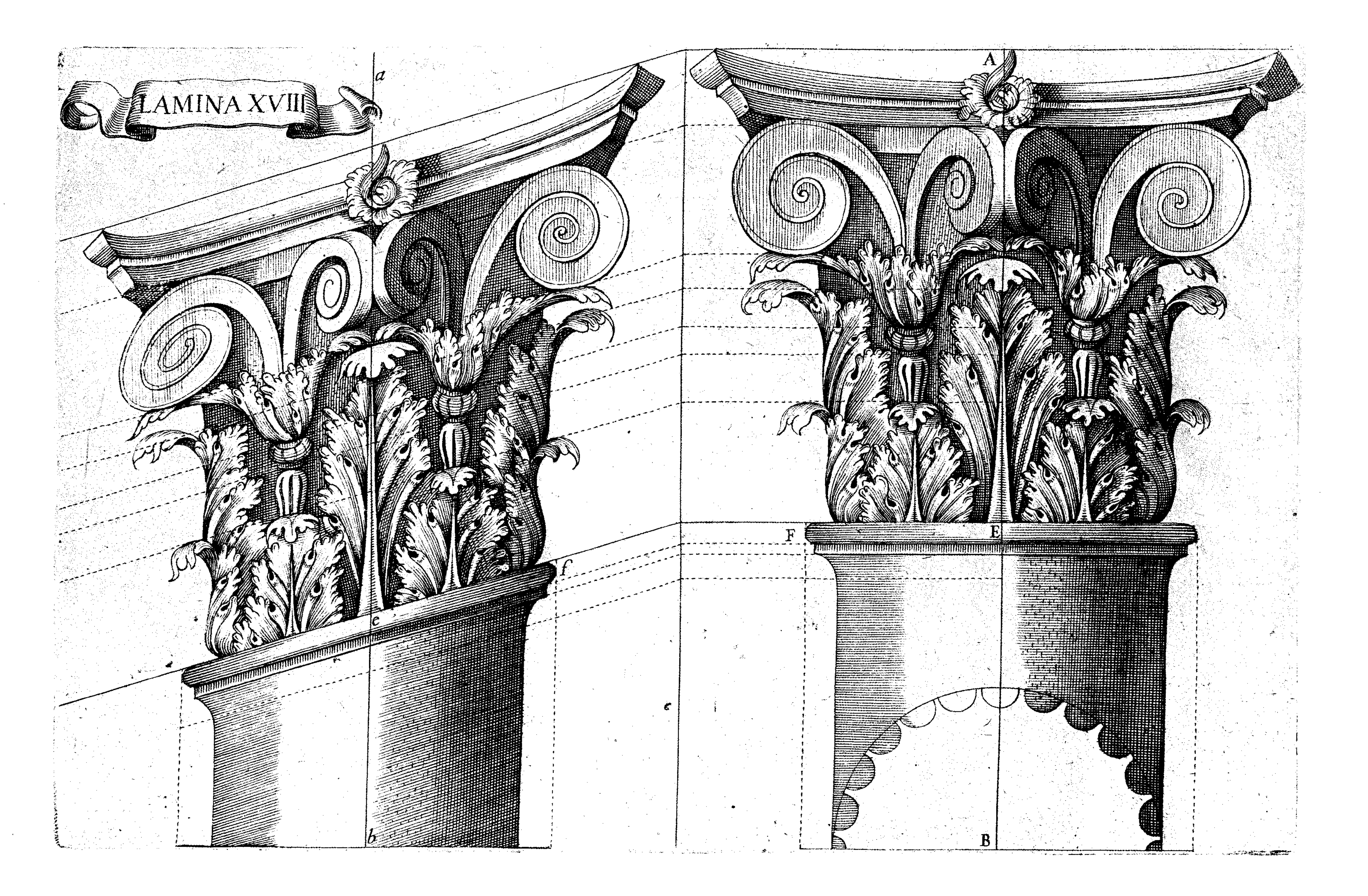

LAMINA XIII

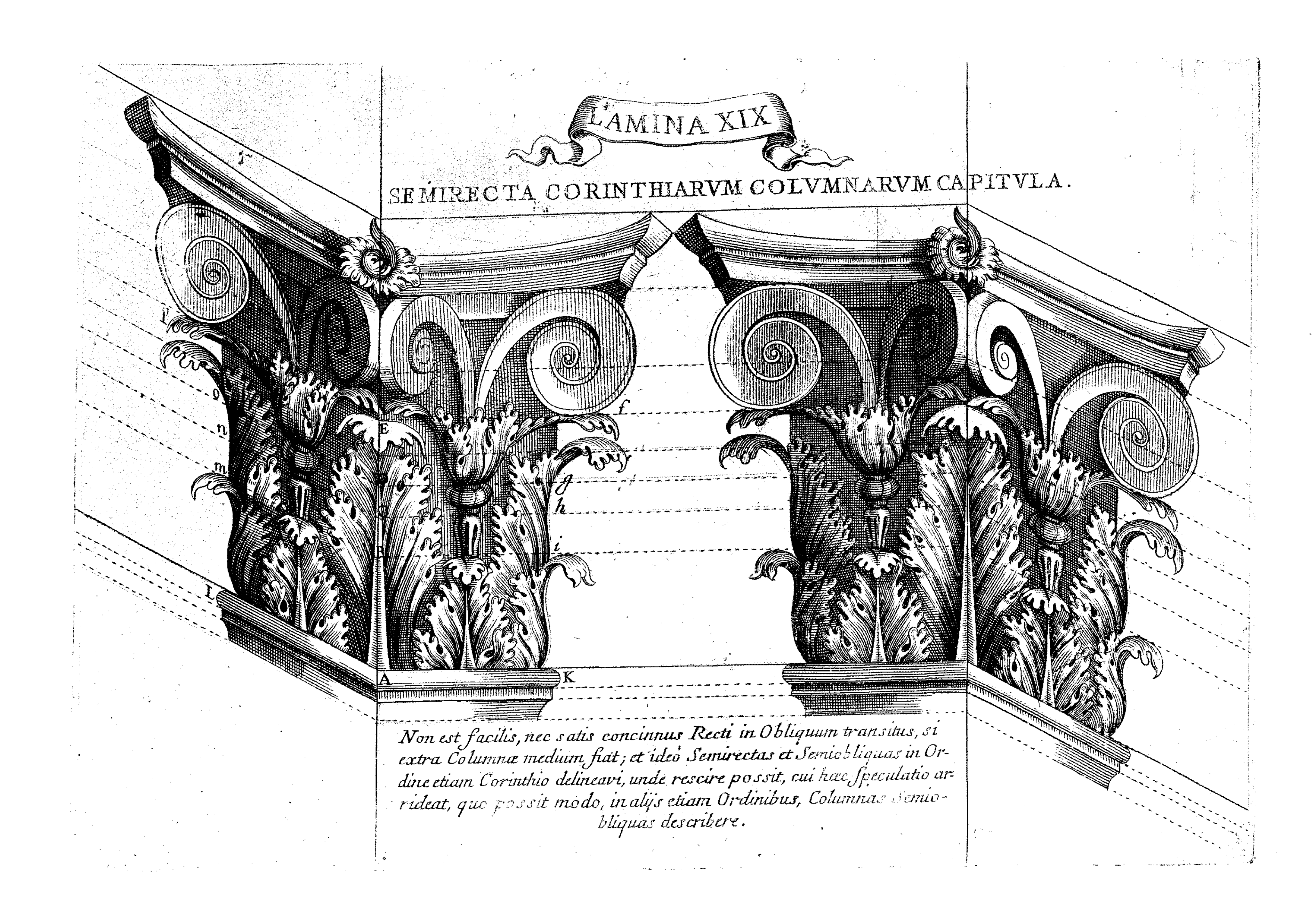

LAMINA XIV


LAMINA XV.
Plinthus
Echinus
Annulus
Hyporcachelium
Cingulum
Summus Scapus
z
y
Imus T Scapus
Regula
Torus
Plinthus
Y
X
S
L
O
K
H
b
B
a
m
n
R
C
u
A
t
B
d
c
Æ
r
I
M
N
Q

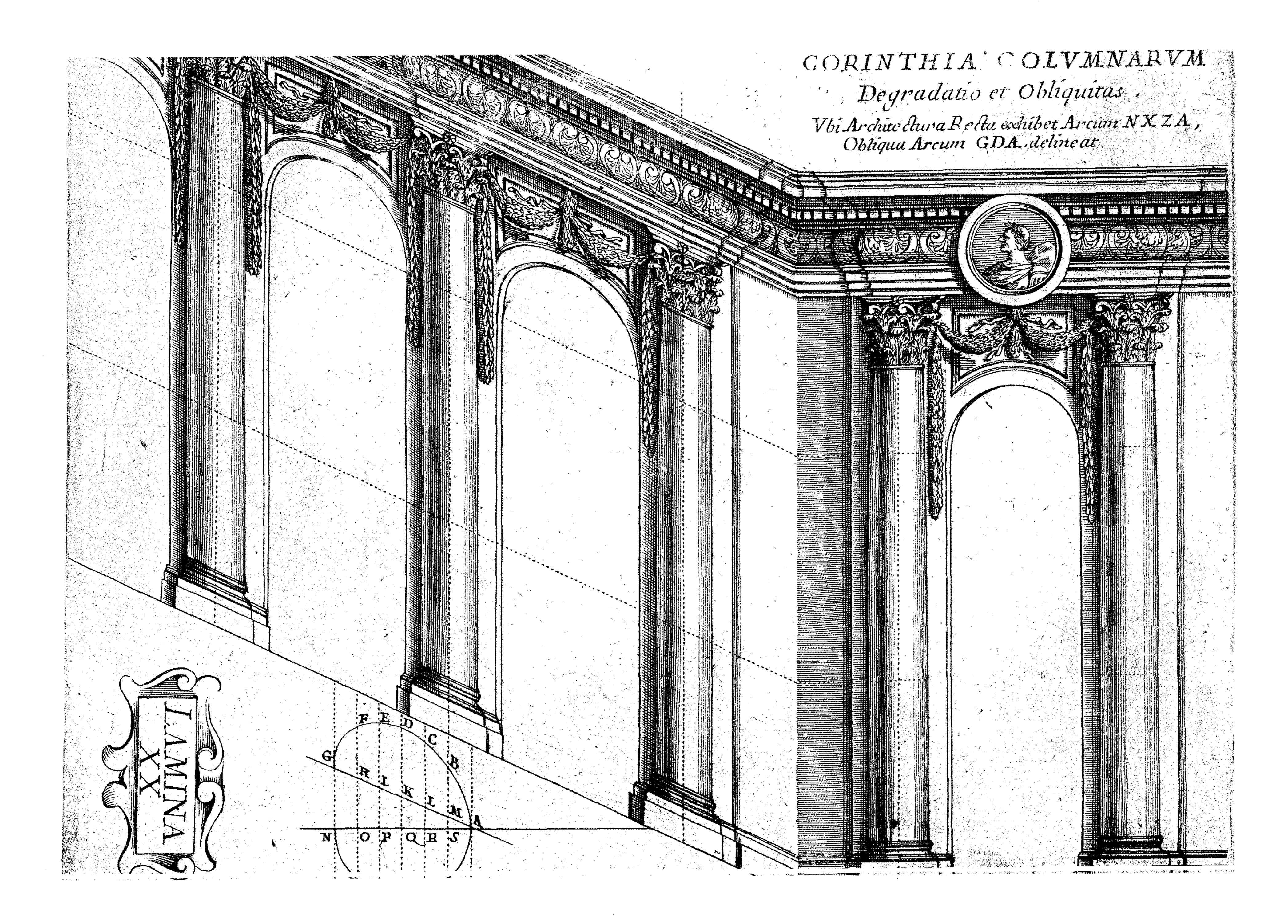

AMINA XVI

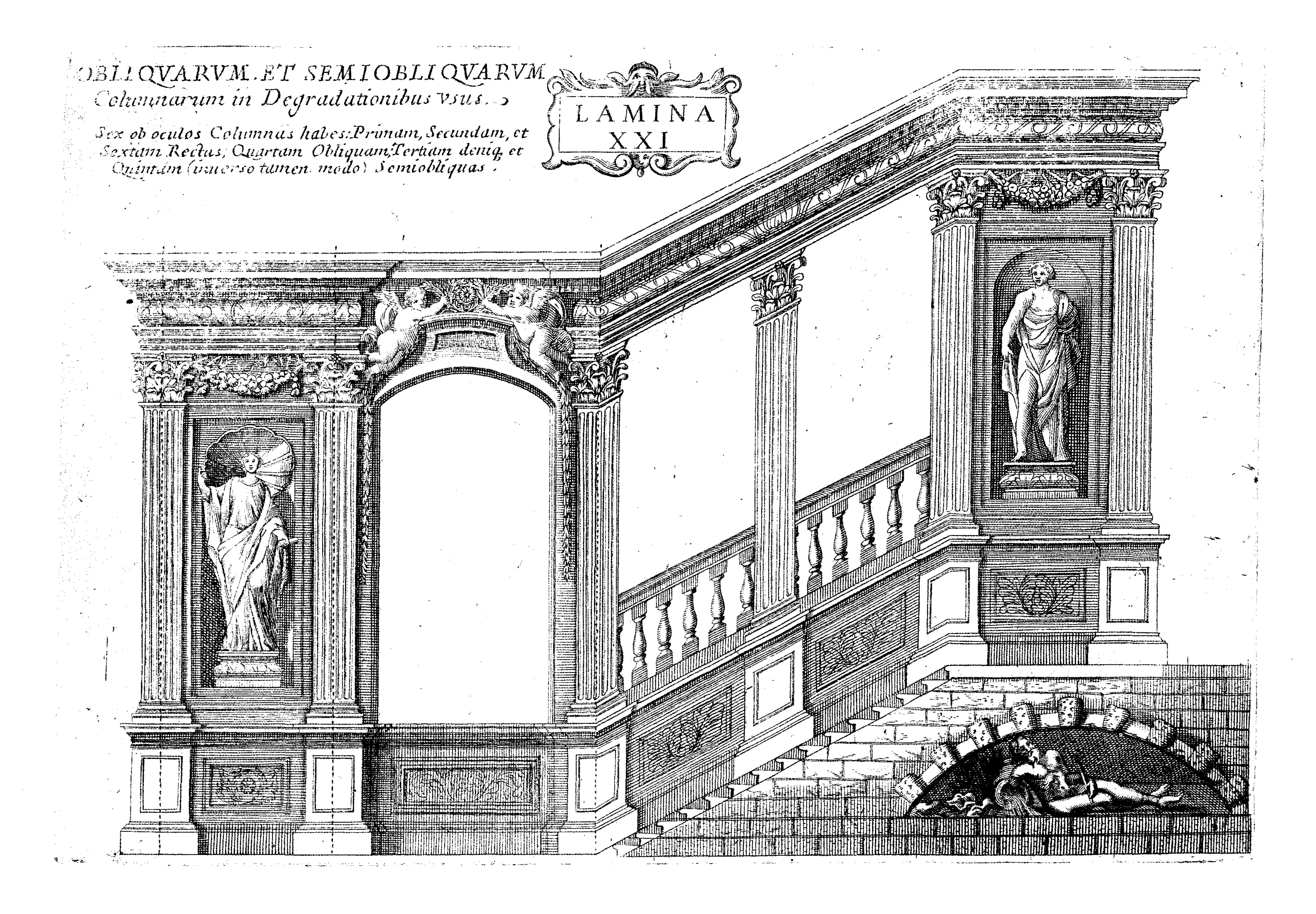

Prima, eaq; condemnata, et rejecta è Rectis ad Obliquas Columnarū Deductio.
LAMINA XVII
Linearum æqualitas, quæ in Horizontali sumebatur, debet in Inclinatâ, seu Obliquâ desumi.
H
G
F
5 4 3 2 1
1 2 3 4 5
m
n
H
G
F
p
d
c
b
E
D
C
B
A
a
b
c
d
e

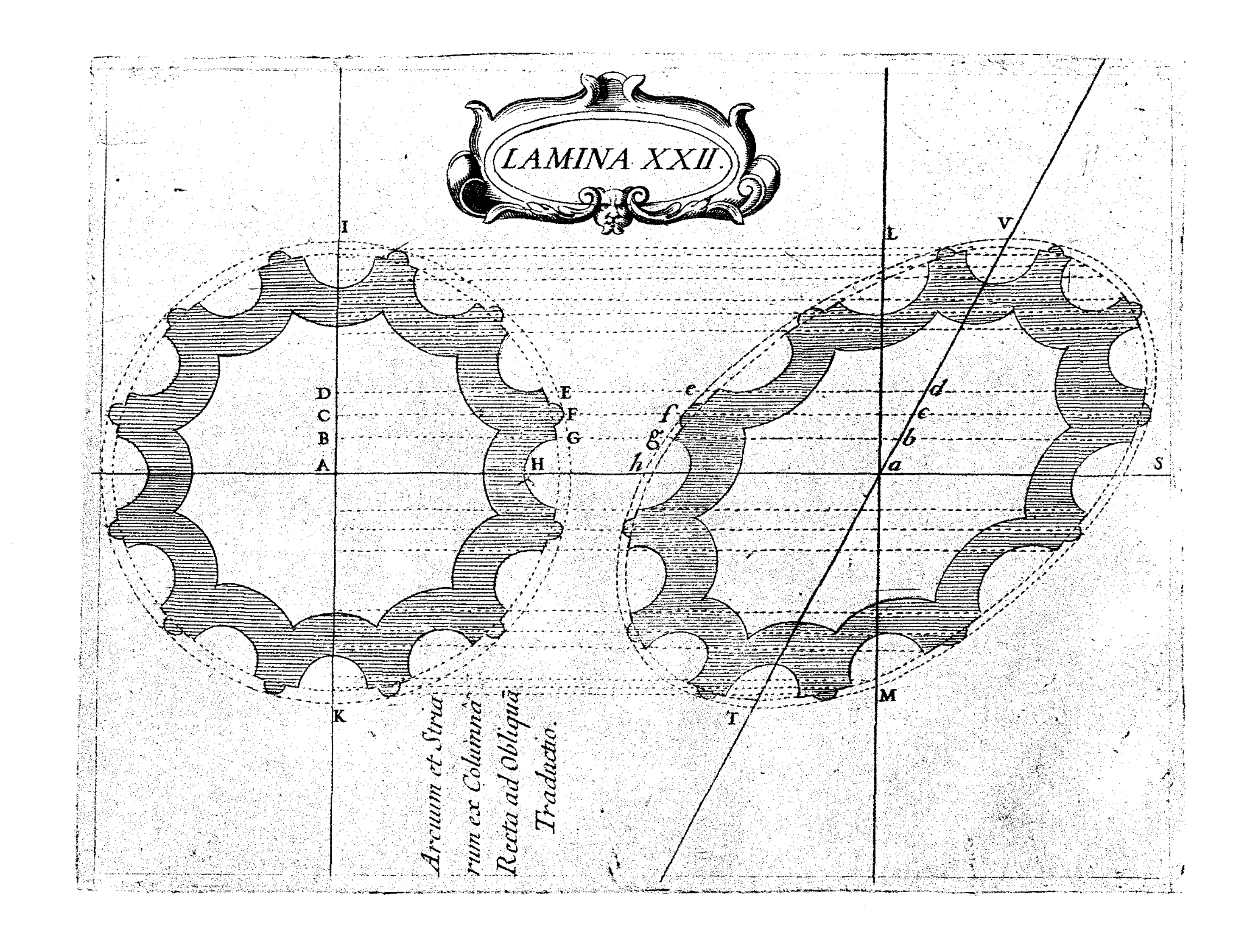

LAMINA XVIII
a
e
f
b
A
F
E
B

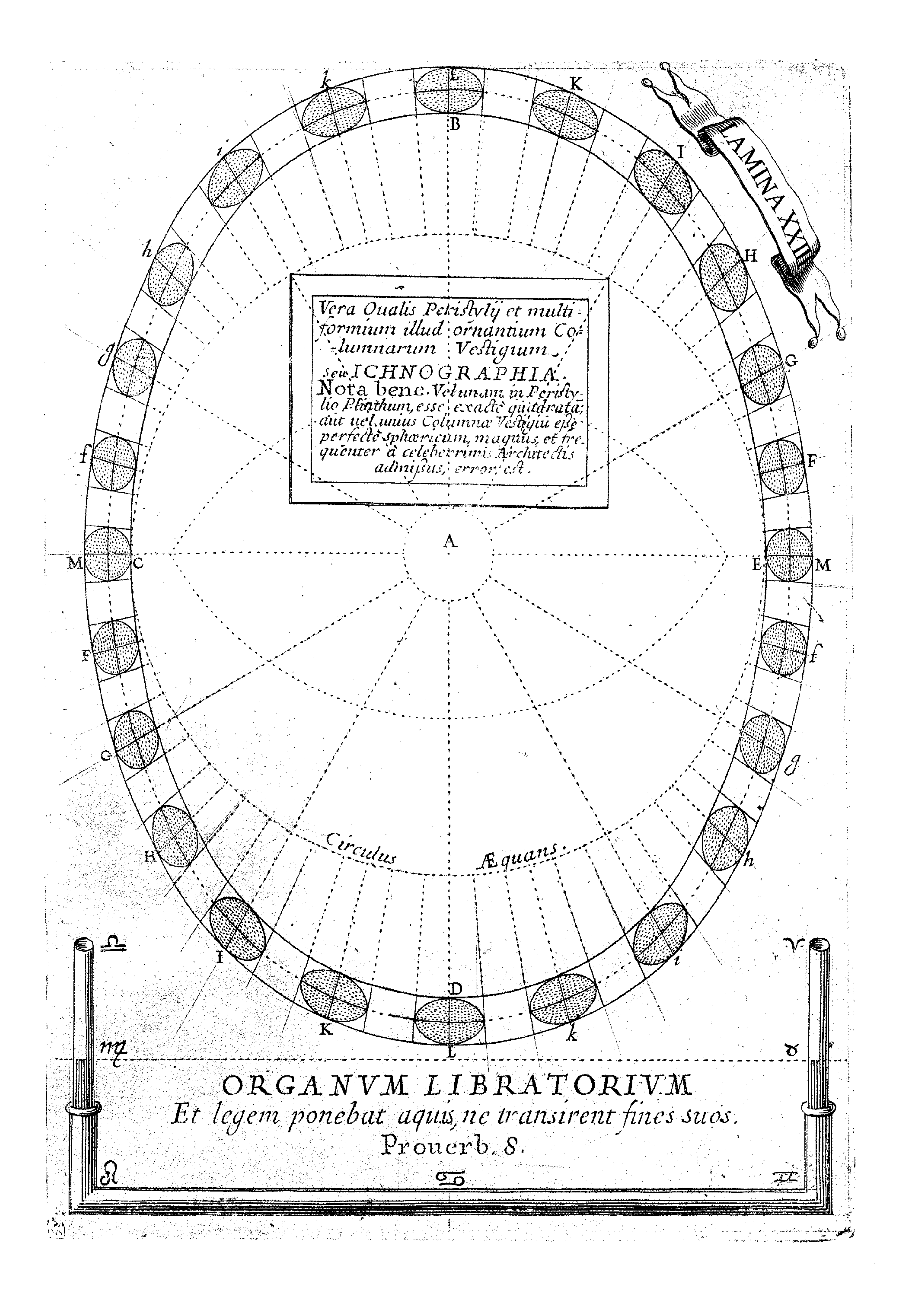


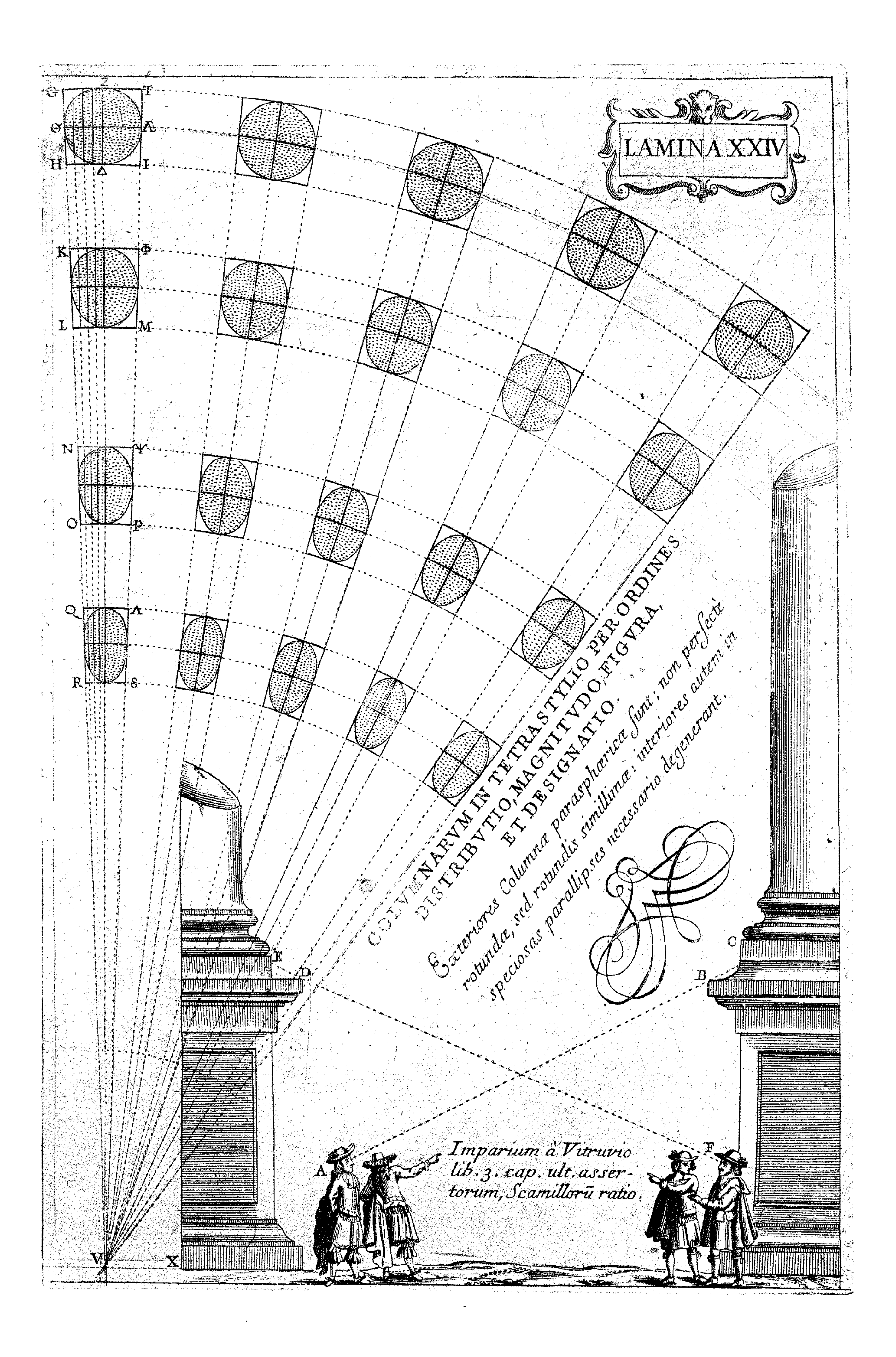
Non est facilis, nec satis concinnus Recti in Obliquum transitus, si extra Columnæ medium fiat; et ideò Semirectas et Semiobliquas in Ordine etiam Corinthio delineavi, unde rescire possit, cui hæc speculatio arrideat, quo possit modo, in aliis etiam Ordinibus, Columnas Semiobliquas describere.

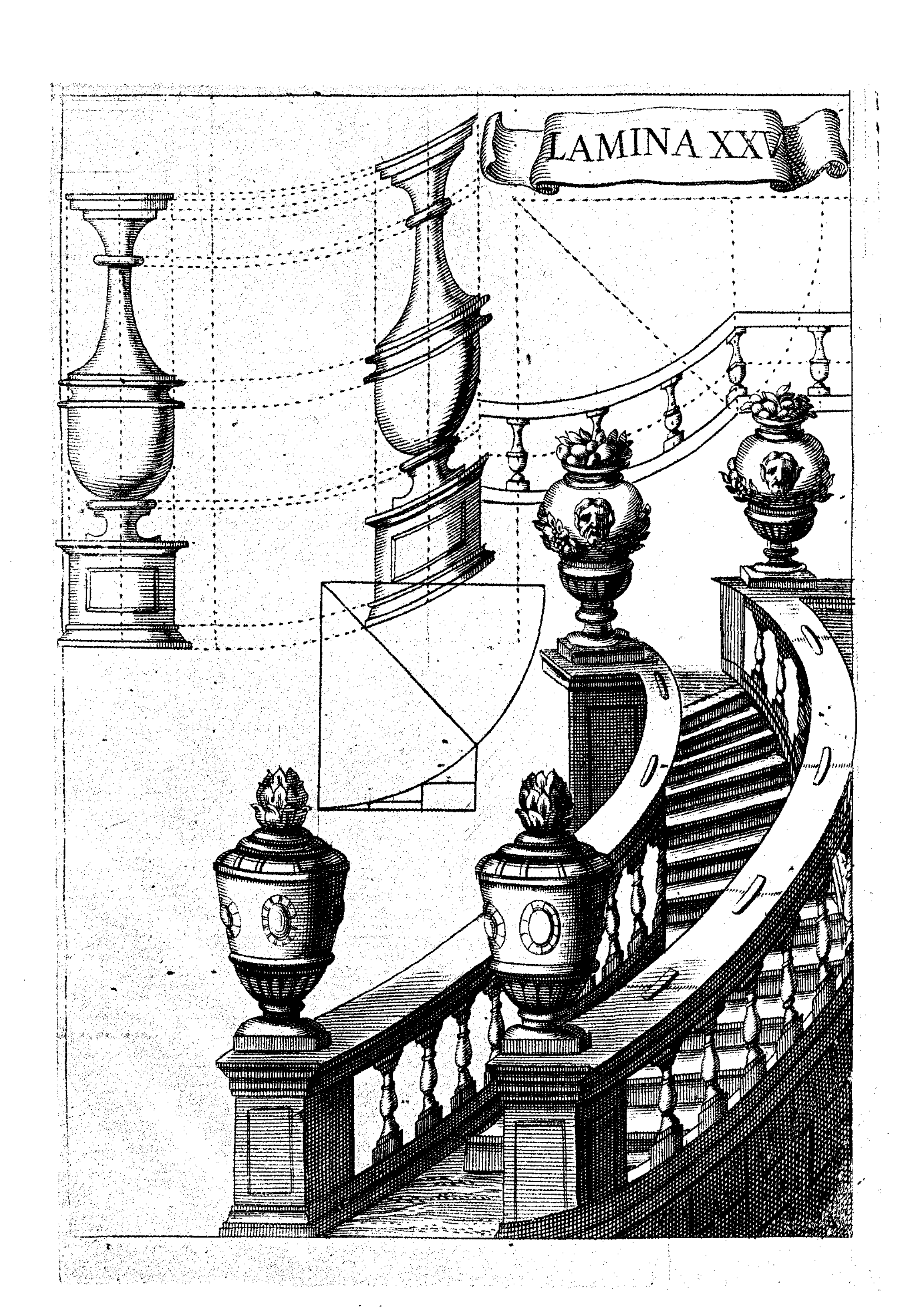

CORINTHIÆ COLVMNARVM
Degradatio et Obliquitas.
Vbi Architectura Recta exhibet Arcum NXZA,
Obliqua Arcum GDA. delineat
F E D C B
G H I K L M A
N O P Q R S
LAMINA
XX

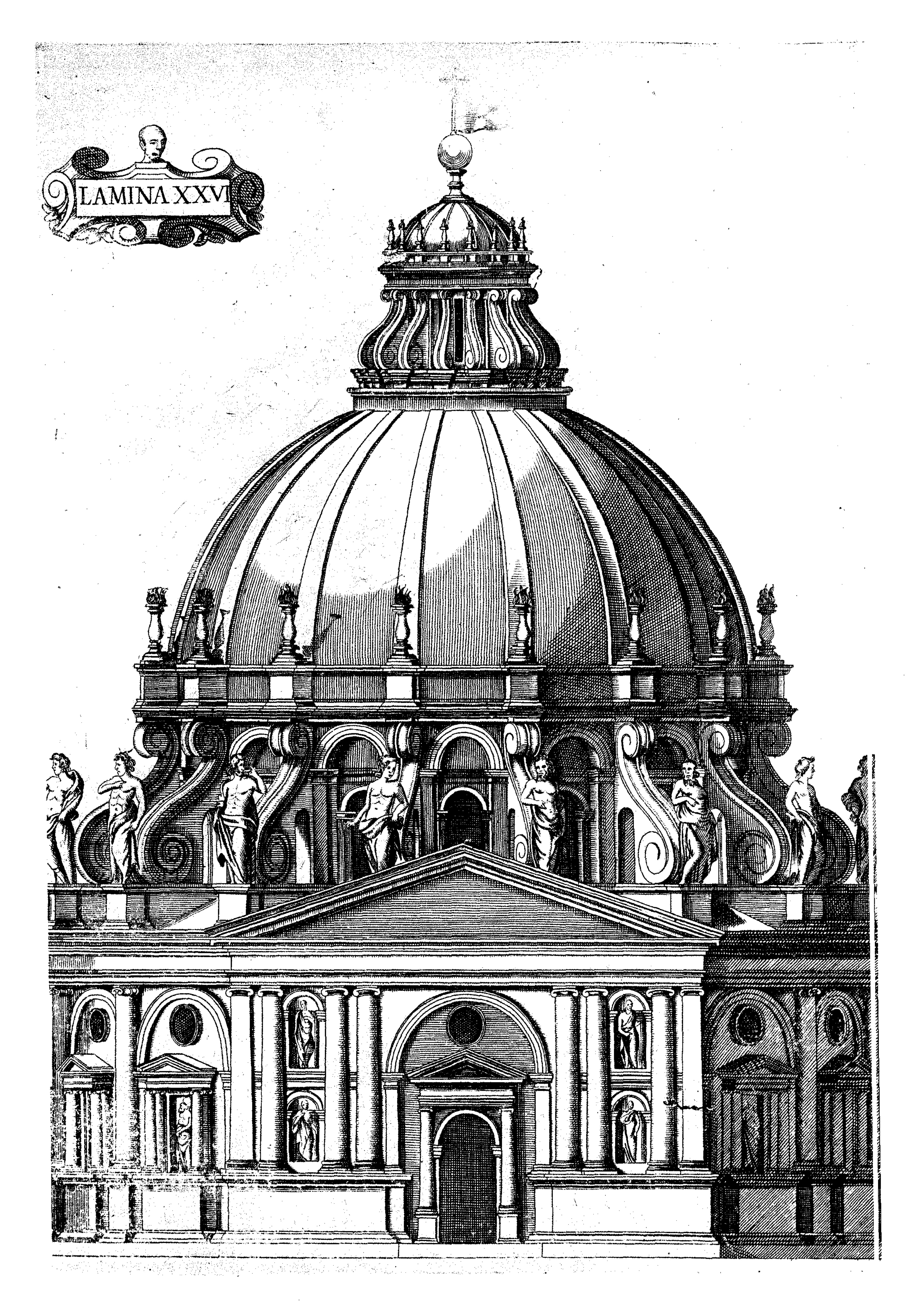

OBLIQVARVM ET SEMIOBLIQVARVM
Columnarum in Degradationibus vsus.
Sex ob oculos Columnas habes: Primam, Secundam, et
Sextam Rectas, Quartam Obliquam; Tertiam deniq; et
Quintam (diverso tamen modo) Semiobliquas.
LAMINA
XXI

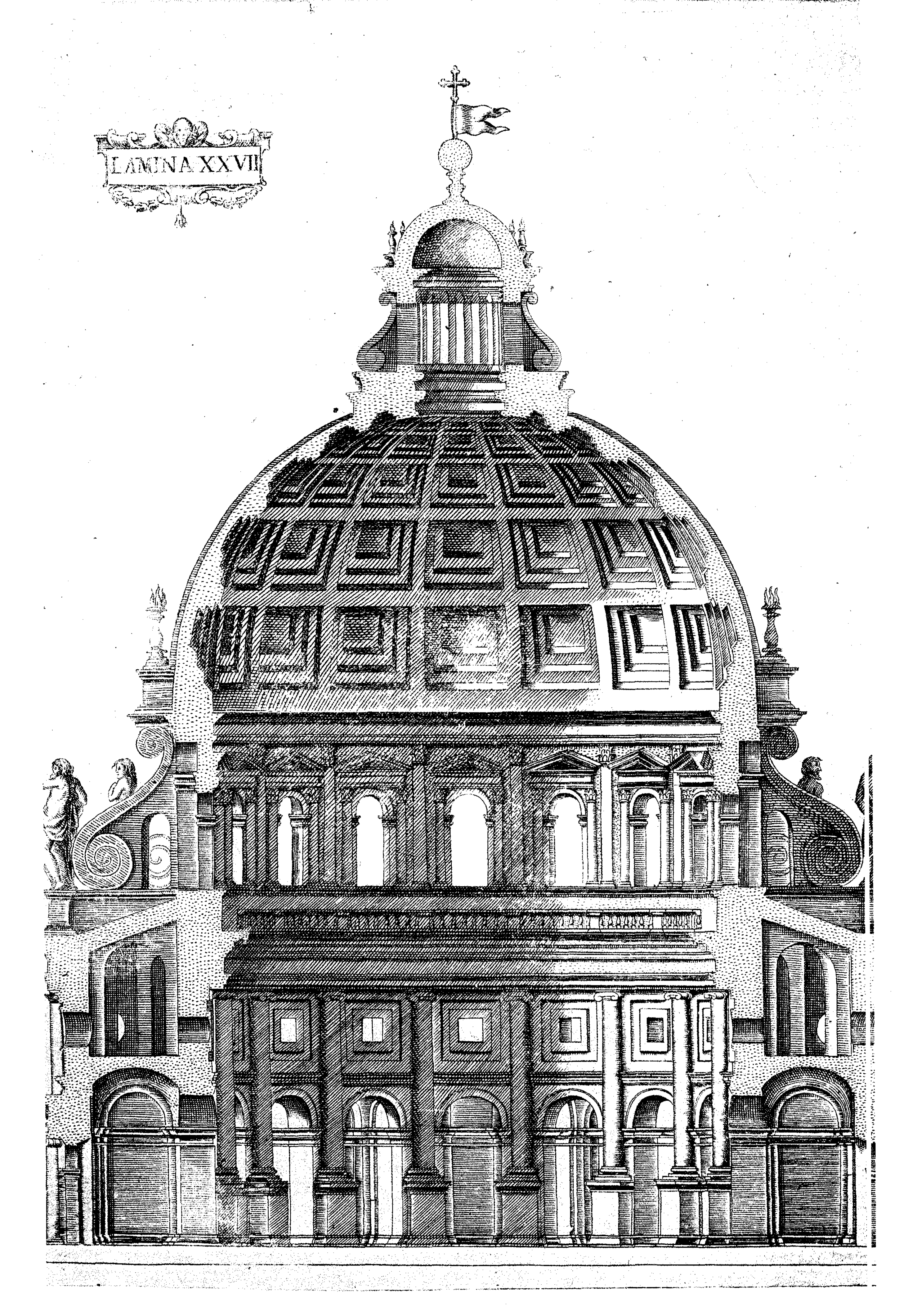

LAMINA XXII.
I
D
C
B
A
E
F
G
H
K
e
f
g
h
L
V
d
c
b
a
S
M
T
Arcuum et Stria
rum ex Columnâ
Recta ad Obliquã
Traductio.

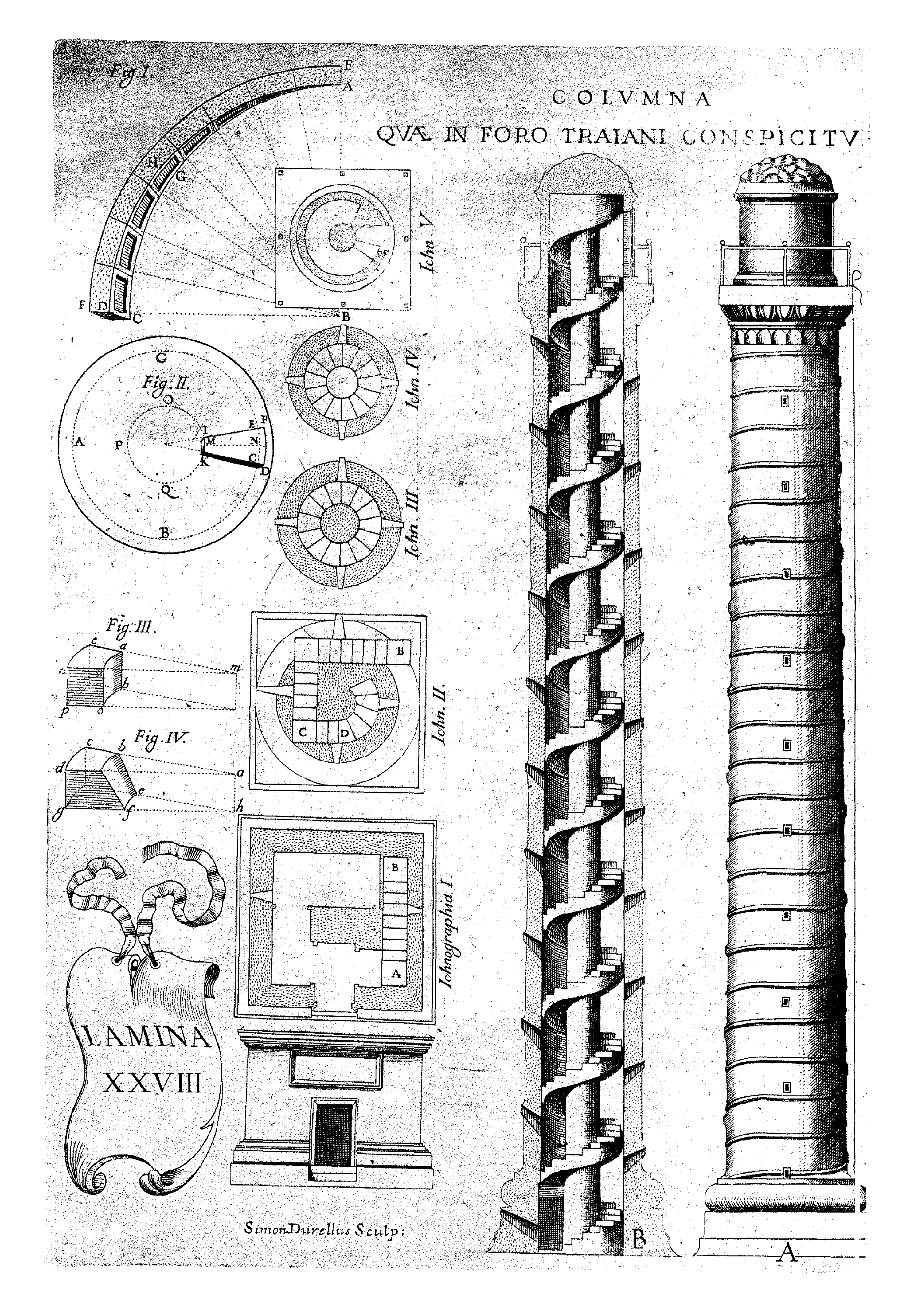

LAMINA XXII
Vera Oualis Peristylij et multi-
formium illud ornantium Co-
-lumnarum Vestigium
seu ICHNOGRAPHIA.
Nota bene. Velunam in Peristy-
lio Plinthum, esse exactè quadrata;
aut uel unius Columnæ Vestigiu esse
perfectè sphæricum, magnus, et fre-
quenter à celeberrimis Architectis
admissus, error est.
Circulus Æquans.
A
B
C
D
E
L
K
I
H
G
F
M
k
i
h
g
f
ORGANVM LIBRATORIVM
Et legem ponebat aquis, ne transirent fines suos.
Prouerb. 8.

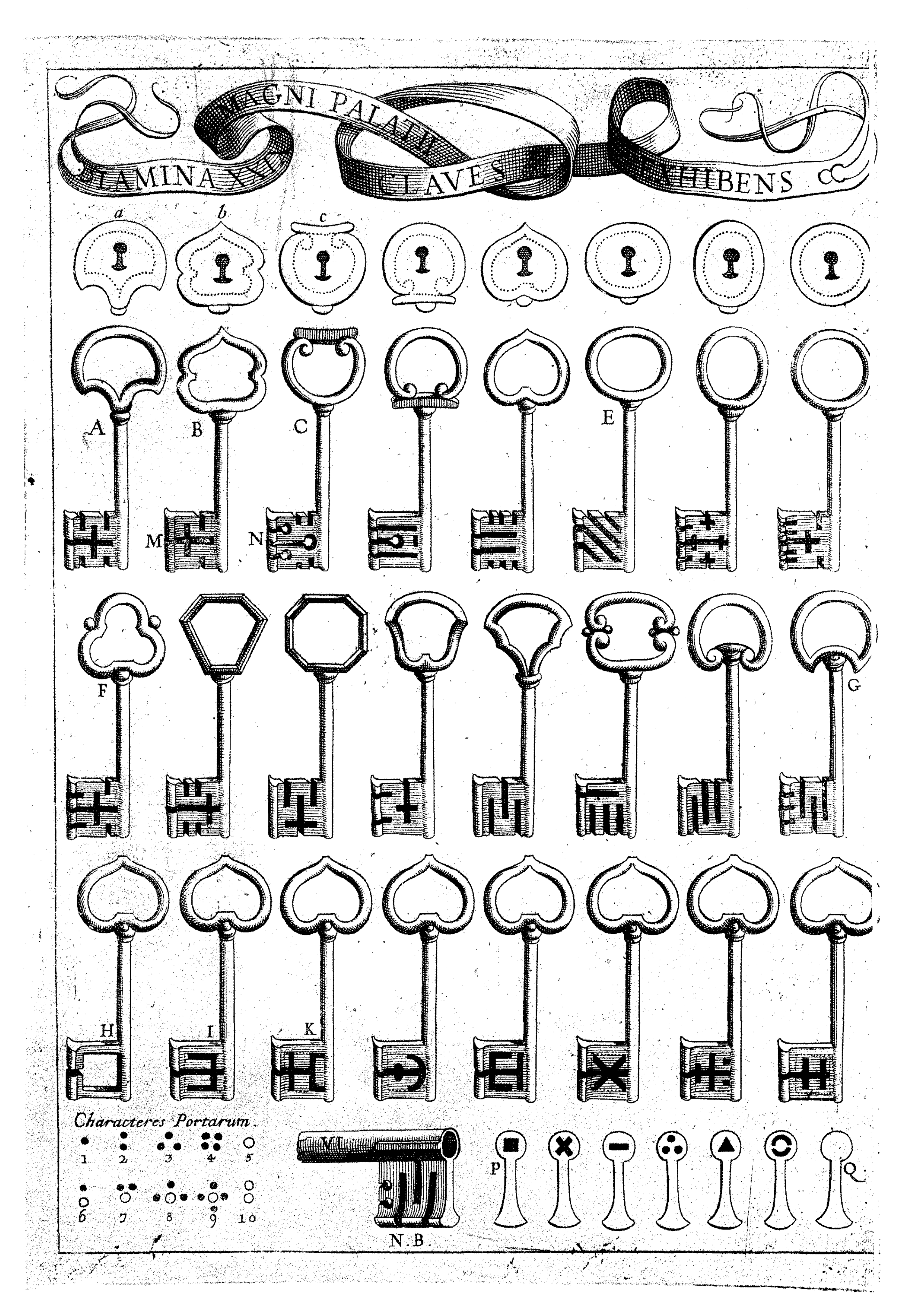

LAMINA XXIV
COLVMNARVM IN TETRASTYLIO PER ORDINES
DISTRIBVTIO, MAGNITVDO, FIGVRA,
ET DESIGNATIO.
Exteriores Columnæ parasphæricæ sunt; non perfectè
rotundæ, sed rotundis simillimæ: interiores autem in
speciosas parallipses necessario degenerant.
Imparium à Vitruvio
lib. 3. cap. ult. asser-
torum, Scamillorũ ratio.

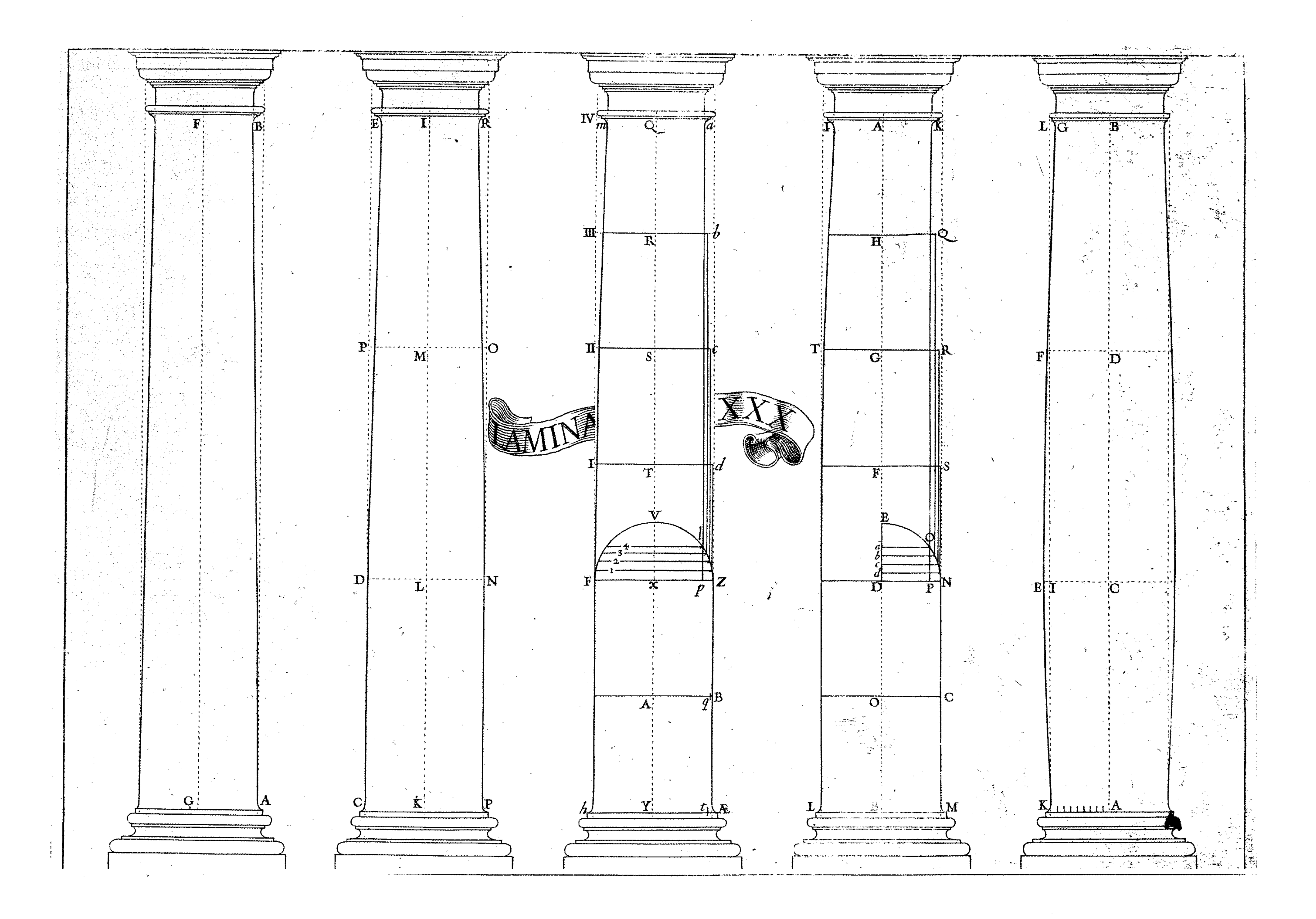

LAMINA XXV

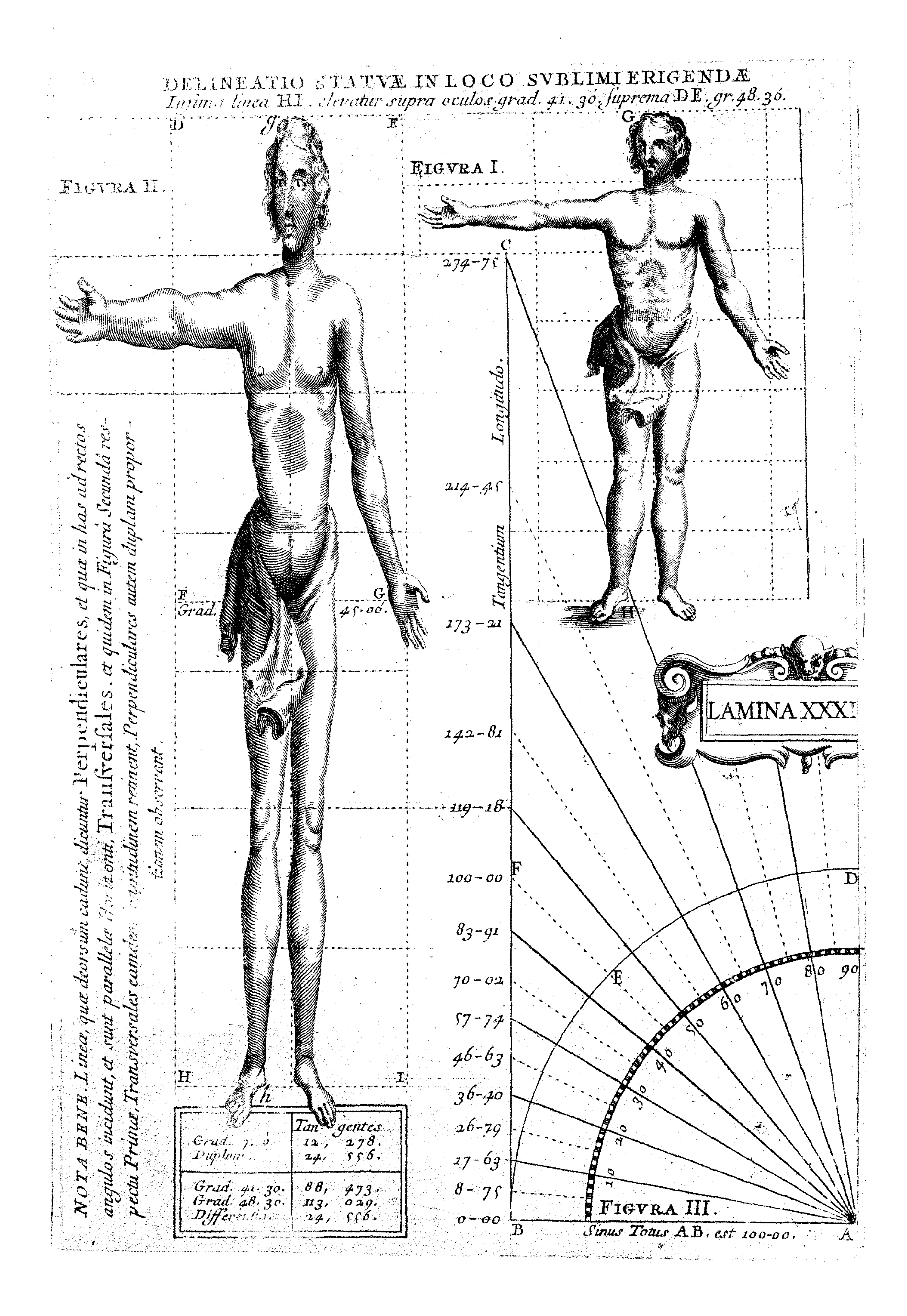

LAMINA XXVI


LAMINA XXVII

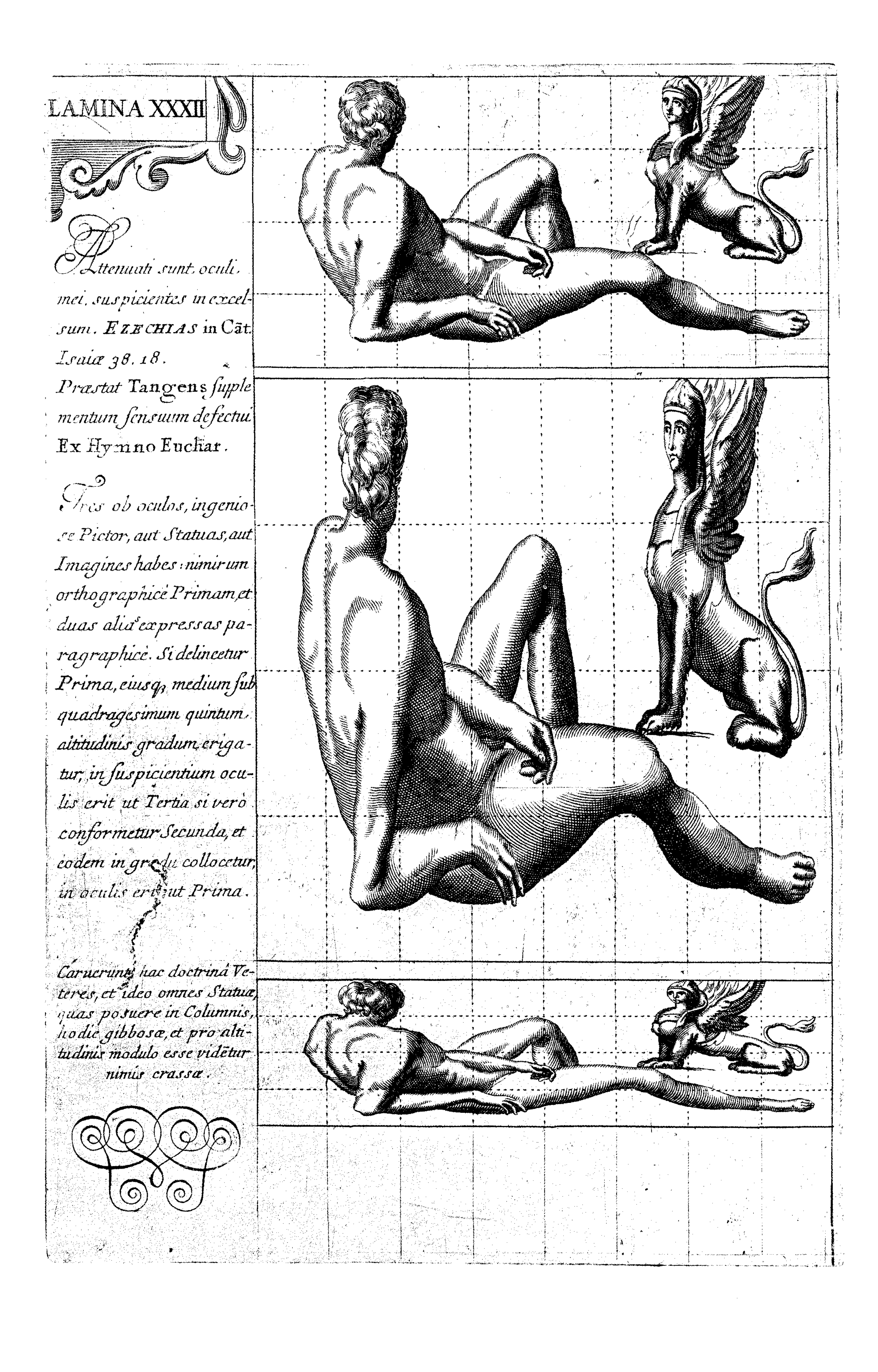

COLVMNA
QVÆ IN FORO TRAIANI CONSPICITV
Fig. I.
Fig. II.
Fig. III.
Fig. IV.
Ichn. V
Ichn. IV
Ichn. III
Ichn. II
Ichnographia I.
LAMINA
XXVIII
Simon Durellus Sculp:
B
A


MAGNI PALATII
LAMINA
CLAVES
HIBENS
a
b
c
A
B
C
E
M
N
F
G
H
I
K
Characteres Portarum.
1
2
3
4
5
6
7
8
9
10
N.B.
P
Q


LAMINA XXX



	Tangentes
Grad. 7. [illegible]	12, 278.
Duplum.	24, 556.
Grad. 41. 30.	88, 473.
Grad. 48. 30.	113, 029.
Differentia.	24, 556.


LAMINA XXXII
Attenuati sunt oculi mei, suspicientes in excelsum. EZECHIAS in Cāt. Isaiæ 38. 18.
Præstat Tangens supplementum sensuum defectui. Ex Hymno Euchar.
Tres ob oculos, ingeniose Pictor, aut Statuas, aut Imagines habes: nimirum orthographicè Primam, et duas alias expressas paragraphicè. Si delineetur Prima, eiusq; medium sub quadragesimum quintum altitudinis gradum erigatur, in suspicientium oculis erit ut Tertia si verò conformetur Secunda, et eodem in gradu collocetur, in oculis erit ut Prima.
Caruerunt hac doctrina Veteres, et ideo omnes Statuæ, quas posuere in Columnis, hodie gibbosæ, et pro altitudinis modulo esse videntur nimis crassæ.

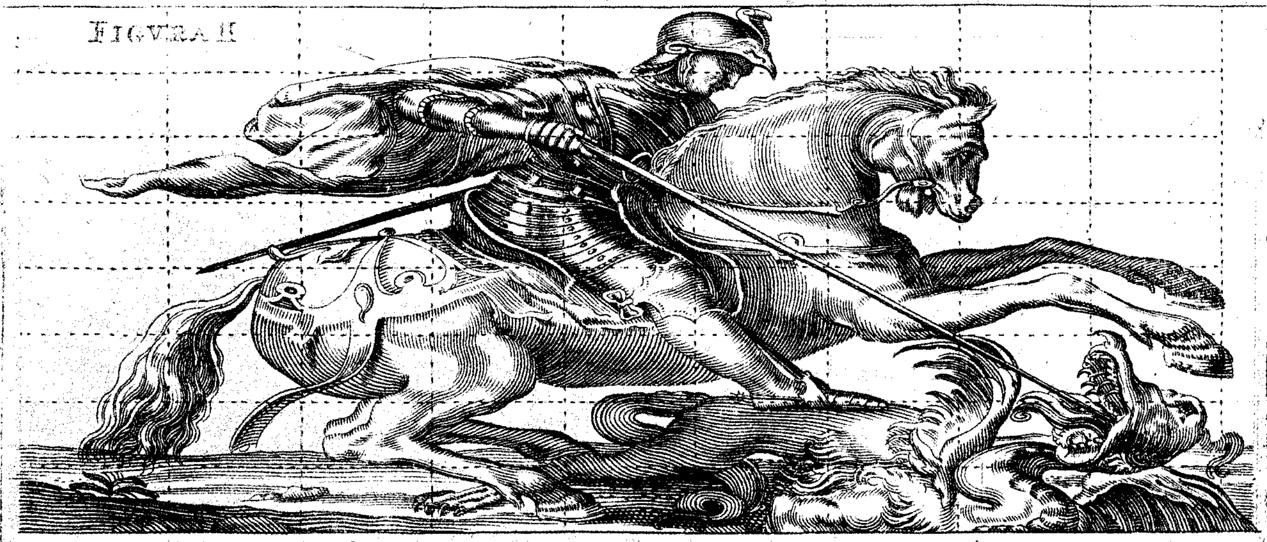
LAMINA XXXIII

Hæc Pictura, aut Statua postulat, ut ob oculos in Horizonte visuali constituatur

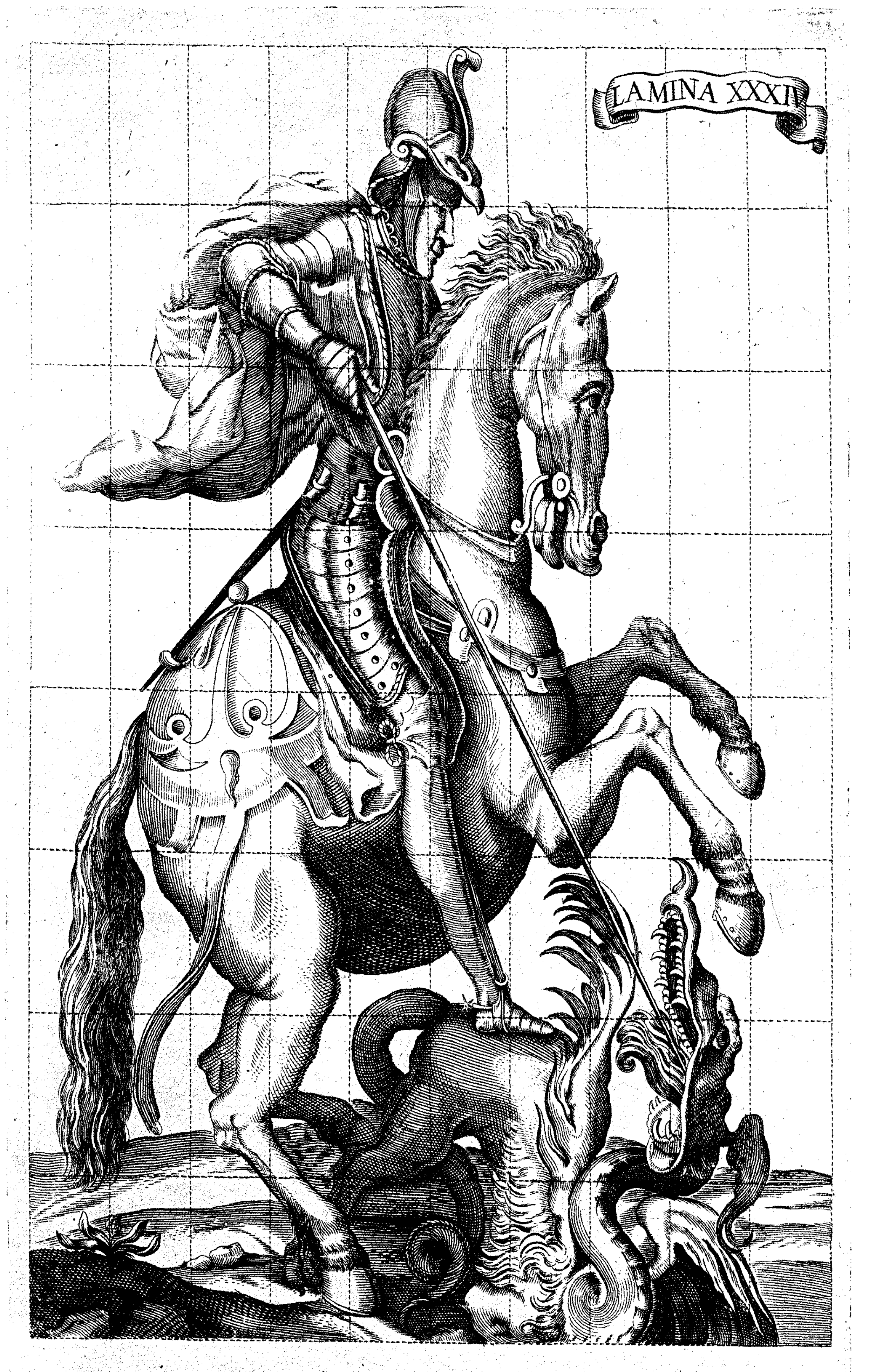
FIGVRA I.

Si Pictura, aut Statua præcedens supra visualem Horizontem grad. 45. elevetur, apparebit, qualem exprimit Figura subsequens

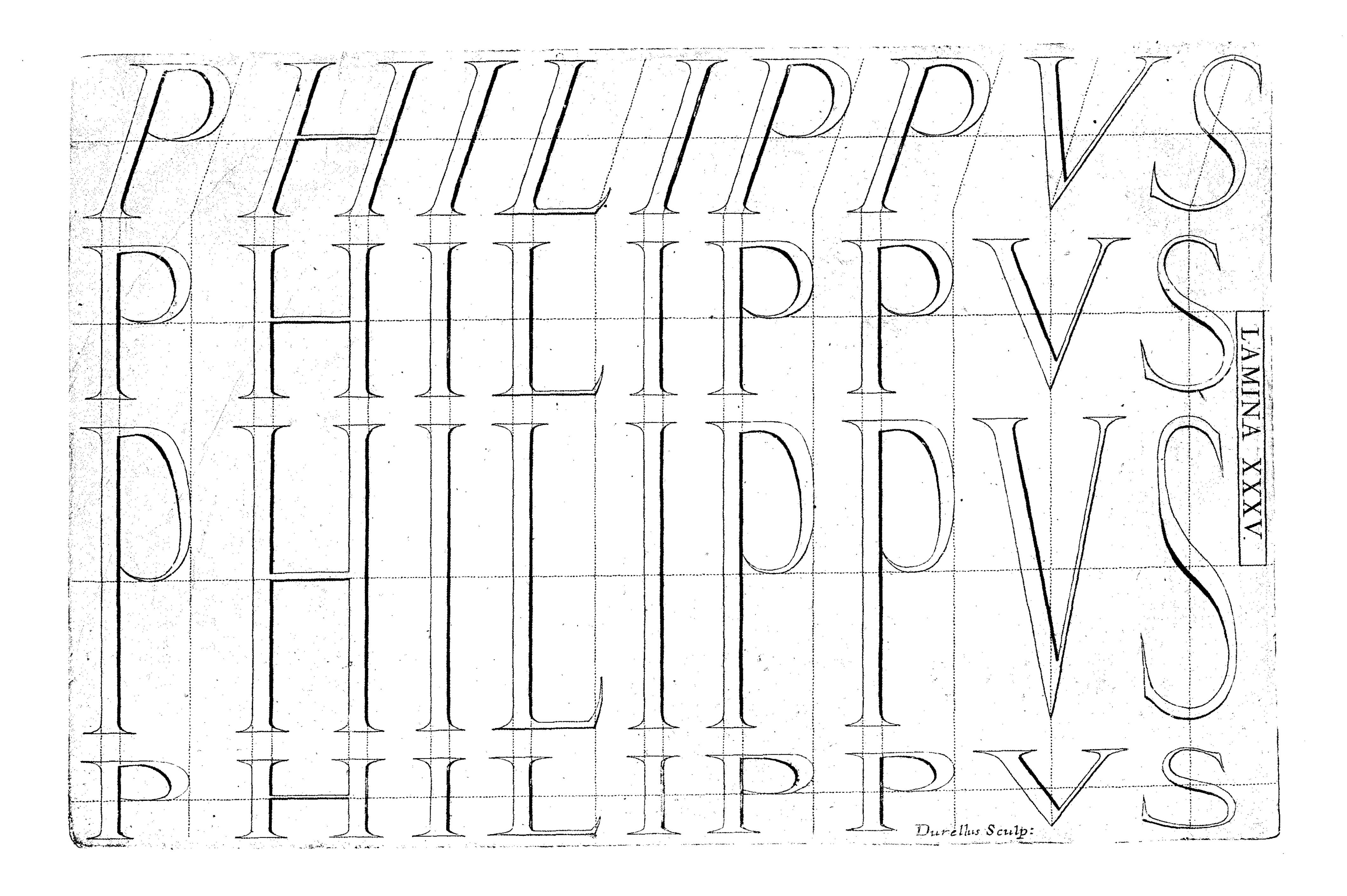
FIGVRA II

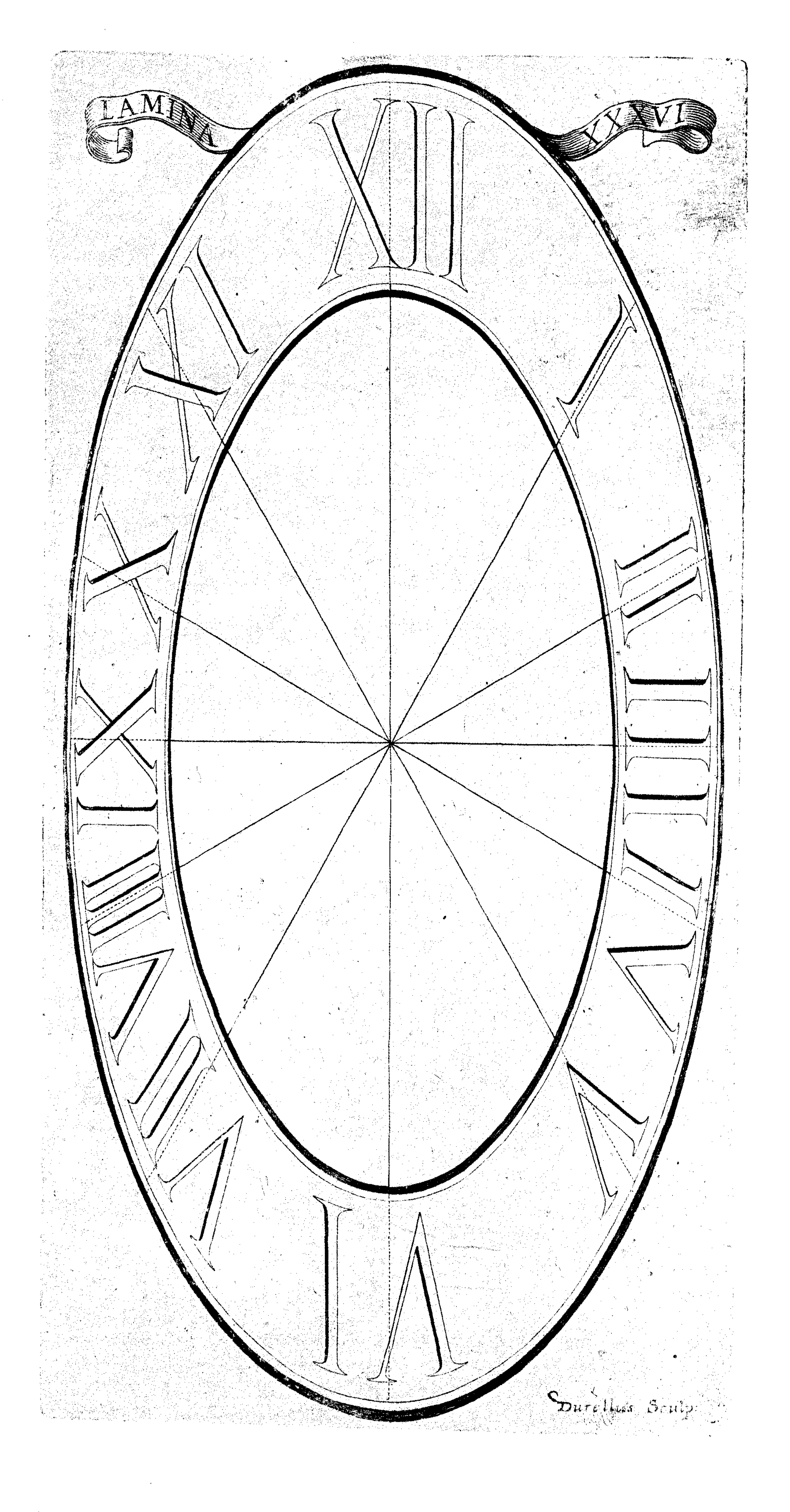


Si Pictura, aut Statua formetur, qualis sequenti Lamina repræsentatur, et 45. gr. supra lineam Horizontalem elevetur, apparebit in suspicientium oculis, qualem exhibet Prima Figura



Durellus sculp:


PHILIPPVS
PHILIPPVS
PHILIPPVS
PHILIPPVS
LAMINA XXXV.
Durellus Sculp:


LAMINA XXXVI
XII
I
II
III
IIII
V
VI
VII
VIII
IX
X
XI
Durellus Sculp:

NOVA MVSICA



REGVLAE.

MVSICA est canendi Ars: facillima quidem et expeditissima, si bene tradatur; nam ad tres Regulas breuissimas reduci debet.

PRIMA. Est Octaua, Scala quædam Enharmonica, quam adscendendo, et descendendo ab Vnisono ad Æquisonum percurrit Vox, Gradus in ea sunt septem: dicunturq. VT, RE, MI, FA, SOL, LA, BI, ut in Exemplo primo et secundo conspicitur. Si Cantus adscendit ultra LA, dicimus LA, BI, VT. etc. ut uides in Exemplo III. et si descendit infra VT, dicimus VT, BI, LA, etc. ut uides in Exemp. IV. Vbique VT, FA, et BA, sunt Semitoni, et cæteræ notæ sunt Toni.

SECVNDA. Cantus est unicus; nam Naturalis, Durus, et Mollis coincidunt. Claues sunt tres, FA, VT, SOL, ut habes in Exempl. V. Vltima in Cantu Gregoriano non seruit. Possent reduci ad unicam, si in G. Sol ad minus Notæ magnitudinem depingeretur, ut habes in Exempl. V.

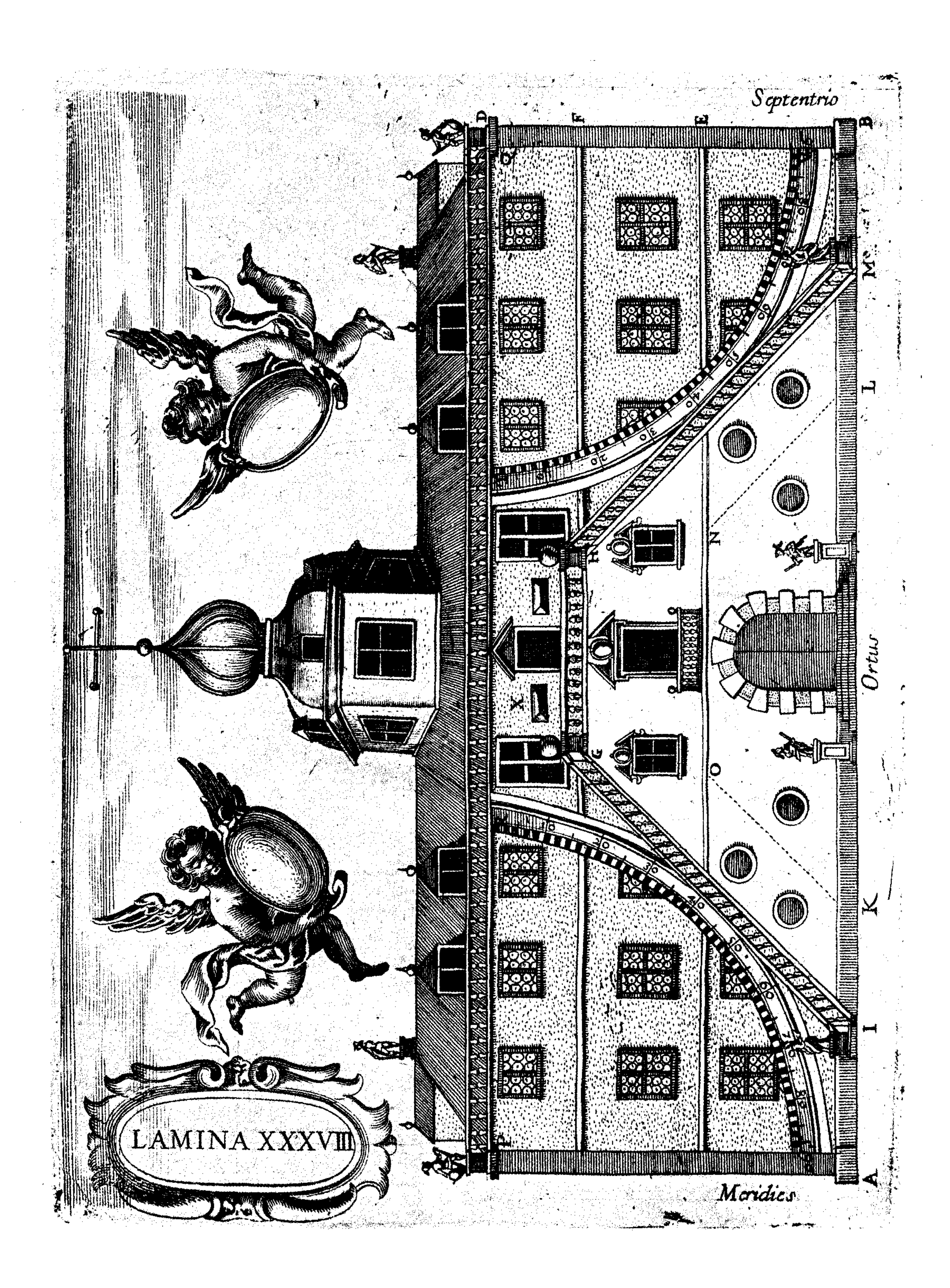
TERTIA. Si ab F ad B, successiuè aut per saltum adscenditur, descenditur-ue, ut uitetur Tritonus, in B. dicitur BA. ut in Exempl. VI. respicis Litera hæc ♮ significat BI, hæc b. autē BA, ut in Exemplo VI.

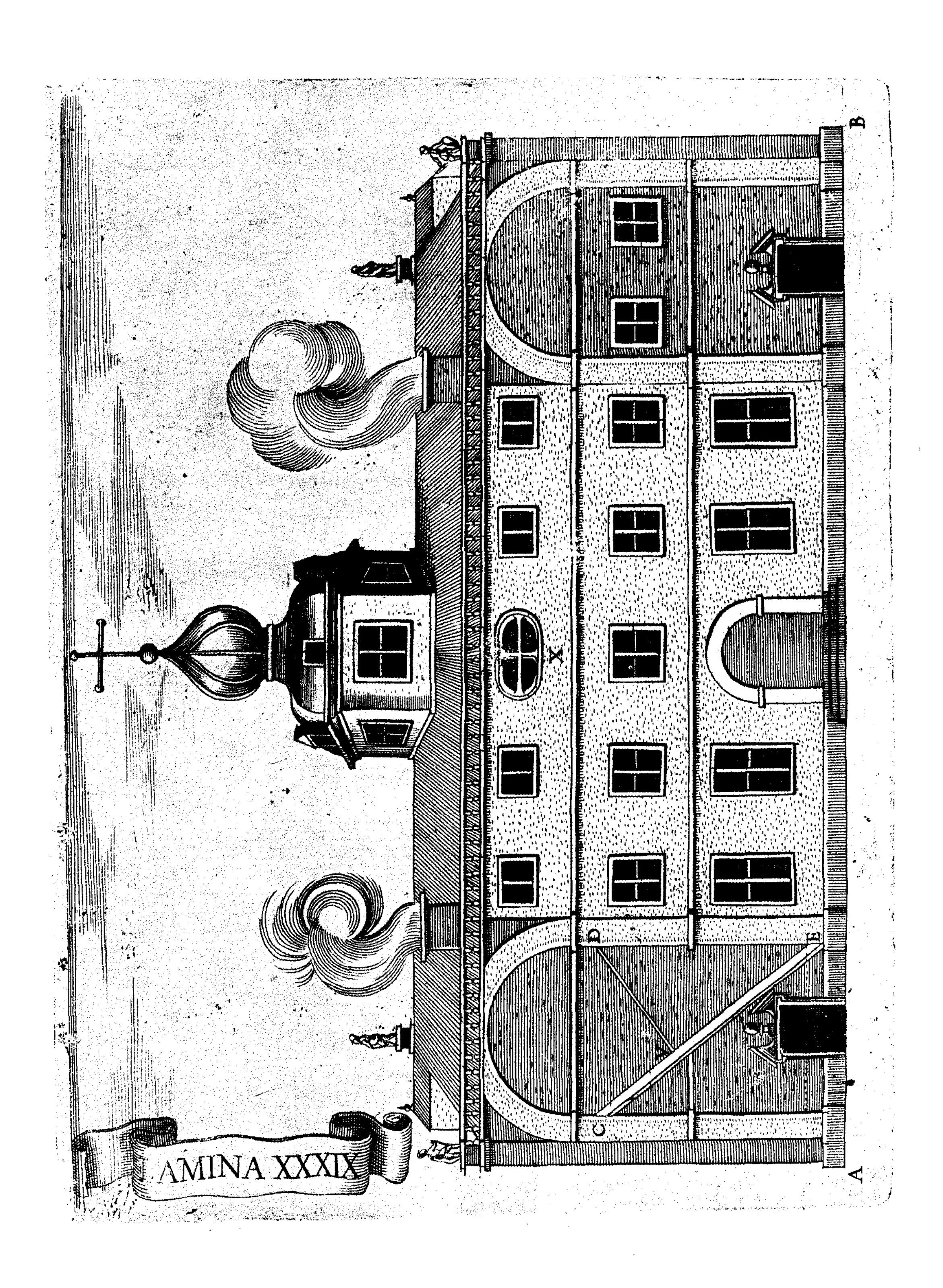
NOTA. Cantus Durus et Mollis tantummodò scriptura distinguuntur. Si iubearis Mollisma aliquod cantare molliter, muta Clauem in et canta durè, et Stellularum, quæ in Columnis S. et V. distantiam, quæ est Quinta, perpende.

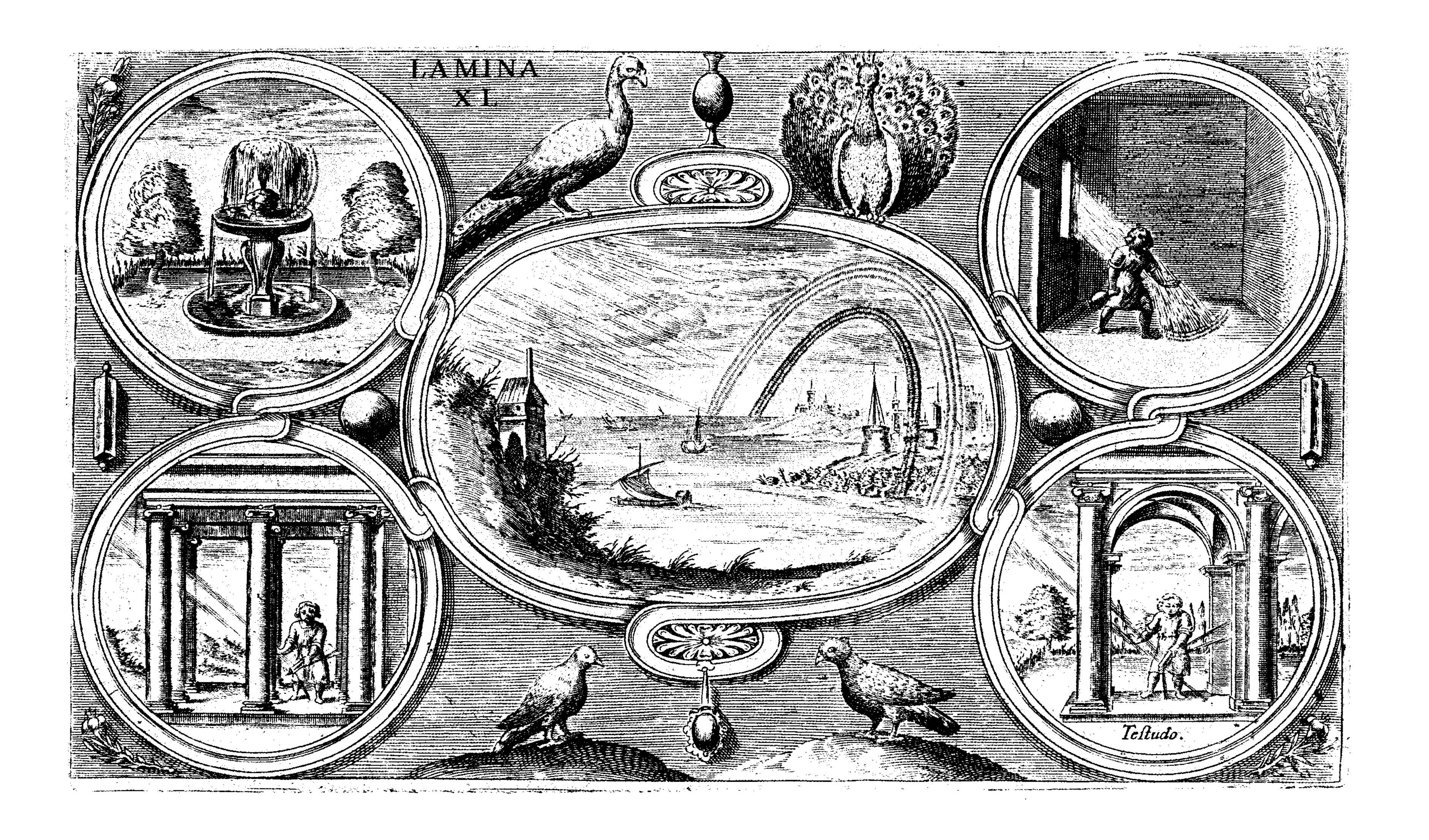
MVSICAE ANTIQVAE ET NOVAE COMPARATIO.

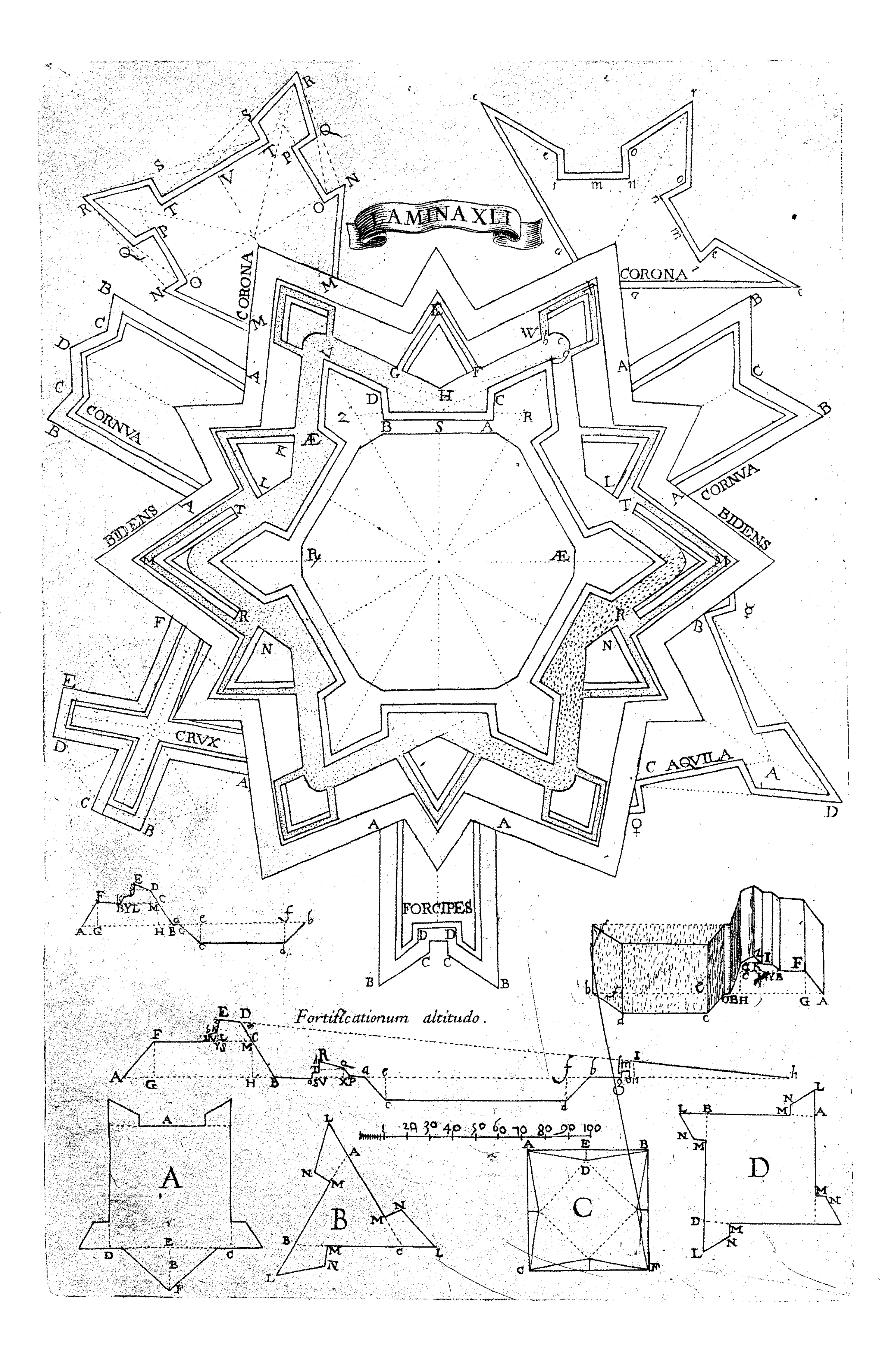
Characteres	CANTVS Naturalis	CANTVS Mollis	CANTVS Durus	Guidonica Chordarum Nomina	Mutationes in Duro Adscendendo	Mutationes in Duro Descendendo	Sine mutatione	Mutationes in Molli Adscendendo	Mutationes in Molli Descendendo	Sine mutatione
M	N	O	P	Q	R	R	S	T	T	V
gg	Sol	re	ut	gg. sol re ut.	SOL	SOL	sol	SOL (re)	SOL	re
ff	fa	ut		ff. fa ut.	FA	FA	fa	FA	FA	ut
ee	mi		la	ee. la mi.	MI	la	mi	MI	MI	bi
dd	re	la	sol	dd. la sol re.	RE	sol	re	RE	la	la
cc	ut	sol	fa	cc. sol fa ut.	fa	fa	ut	Sol	sol	sol
bb		fa	mi	bb. fa ♮ mi.	mi	mi	bi	fa	fa	fa
aa	la	mi	re	aa. la mi re.	re	LA	la	mi	LA	mi
g	Sol	re	ut	g. sol re ut.	SOL	SOL	sol	re	SOL	re
f	fa	ut		f. fa ut.	FA	FA	fa	FA	FA	ut
e	mi		la	e. la mi.	MI	la	mi	MI	MI	bi
d	re	la	sol	d. la sol re.	RE	sol	re	RE	la	la
c	ut	sol	fa	c. sol fa ut.	fa	fa	ut*	sol	sol	sol
b		fa	mi	b. fa ♮ mi.	mi	mi	bi	fa	fa	fa
a	la	mi	re	a. la mi re.	re	LA	la	mi	LA	mi
G	Sol	re	ut	G. sol re ut.	SOL	SOL	sol	re	SOL	re
F	fa	ut		F. fa ut.	FA	FA	fa	FA	FA	ut*
E	mi		la	E. la mi.	MI	la	mi	MI	MI	bi
D	re	la	sol	D. la sol re.	RE	sol	re	RE	la	la
C	ut	sol	fa	C. sol fa ut.	fa	fa	ut	sol	sol	Sol
B		fa	mi	B. fa ♮ mi.	mi	mi	bi	fa	fa	fa
A	la	mi	re	A. la mi re.	re (re)	LA	la	mi (mi)	LA	mi
Γ	Sol	re	ut	Γ. sol re ut.	SOL (ut)	SOL	sol	re (re)	SOL	re

LAMINA XXXVII


LAMINA XXXVIII
Septentrio
Ortus
Meridies


AMINA XXXIX
A
B
C
D
E
X


LAMINA
XL
Testudo.


LAMINA XLI
CORONA
CORONA
CORNUA
CORNUA
BIDENS
BIDENS
CRUX
AQUILA
FORCIPES
Fortificationum altitudo.
20 30 40 50 60 70 80 90 100
A
B
C
D